

# Jolly Safety Footwear Collection 2010/2011



FEEL THE EVOLUTION

# Jolly Scarpe S.p.A

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JOLLY SCARPE has long been a brand leader, a name at the leading edge of footwear manufacture in terms of quality, comfort, durability, technological innovation and service. Our main objective is the pursuit of complete customer satisfaction: a mission that ensures we continue to consolidate market leadership status and study new products at our Research and Development centre.

The ambition of JOLLY SCARPE is to strike the perfect balance between total observance of safety standards and utilization of the very latest technologies. We were the first to adopt a lightweight and flexible anti-perforation midsole and an ultra-lightweight aluminium toecap.

The latest JOLLY innovation is called Wi-NCA®, an advanced system for user-location by means of tracking sensors fitted inside footwear. It assumes different design characteristics



depending on the particular user's requirement: from the industry, construction operator, rescue service, fire-fighters, police and other categories. Thanks to Wi-NCA® technology JOLLY and NOVATION GROUP want to be a serious response to the institutions for

the most serious problems of accidents at work.

Always aware that being in the forefront of any industry means investing in research and development, we have forged strong partnerships with companies supplying hi-tech materials, such as W.L. Gore & Associates, makers of the famous Gore-Tex® membrane. This means that our collection of products can guarantee the user a high level of quality, and a degree of durability well above the average.

JOLLY customers know they can count on the best possible sales and after-sales service available, in terms of quick delivery, speed of response and flexibility in accommodating all needs and preferences.

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# Fire Fighters

p.12



# Search & Rescue operators and fire fighter volunteers

p.22



# Police & Military

p.34

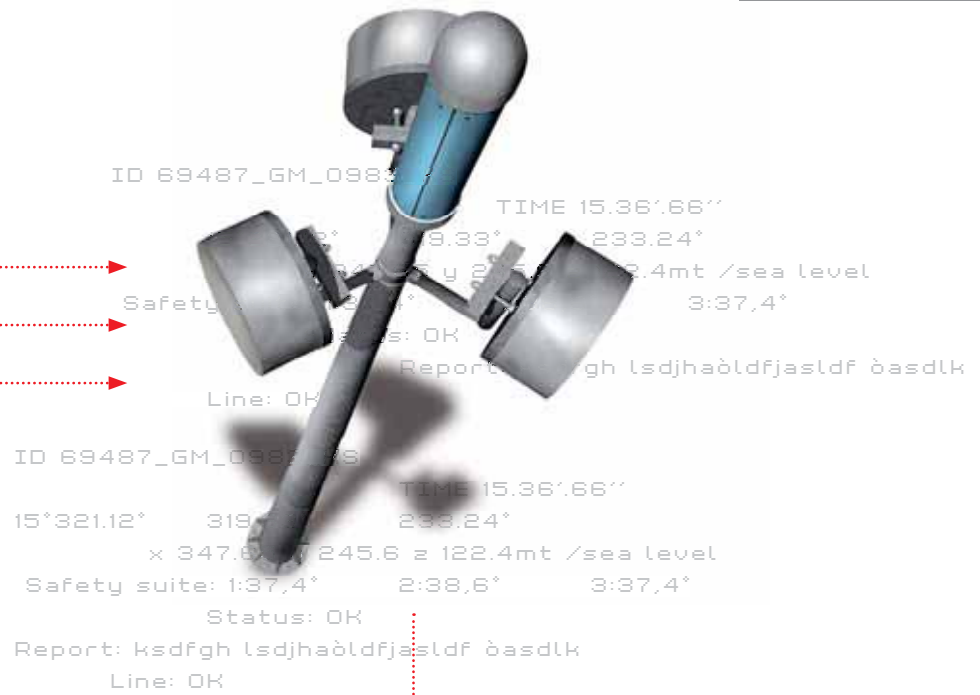


# Workwear

p.60







WHO  
WHERE  
WHEN



Jolly **Wi-NCA**®

JOLLY-NOVATION IN PARTNERSHIP WITH FM, INTRODUCES Wi-NCA®, AN EVOLVED SYSTEM FOR USER - LOCATION BY MEANS OF TRACKING SENSORS FITTED INSIDE IN THE FOOTWEAR, WHICH CAN HAVE DIFFERENT DESIGN CHARACTERISTIC DEPENDING ON THE USER'S PARTICULAR REQUIREMENTS: FROM THE INDUSTRY, CONSTRUCTION SITE AND RESCUE WORKER TO FIRE-FIGHTERS, POLICE AND MANY OTHER CATEGORIES.

Jolly **Wi-NCA**®  
safety shoes



6011/GA  
Explorer II



6120/GA  
Berlin Mid



6621/GA  
Rescuer Mid



6020/GA  
Stealth



# safety & performance

*“Stimulate the professional to use excellent safety products means supplying excellent products even in comfort and performance”*

## SHAPE

THE IDEA OF A JOLLY FOOTWEAR STARTS FROM THE DETERMINATION OF DIMENSIONS AND STRUCTURE, FOR THIS REASON FOR EACH DIFFERENT SHOE THERE IS A DIFFERENT AND SPECIFIC SHAPE. THE MOST EVIDENT EXAMPLE IS THE J-MORPHIC STRUCTURE OF FIRE AND SEARCH & RESCUE FOOTWEAR

### The Awesome J-Morphic Boots

In order to reach the highest level SRC of slip resistance, Jolly developed for its Fire and S&R collections a new outsole, shaped on the new J-Morphic last.



The shape of our new J-Morphic last, much more “rounded” than traditional boots, wants to be a valid alternative to traditional “flat” outsole/last systems that use metallic antiperforation insoles. The advantages are:

- the profile is more modern, with a wider toe box so that your toes are not cramped together.
- the rounded heel eases the seat of the feet during the roll-over phase, thus avoiding a sharp edge annoyance; this way it also ensure higher levels of slip resistance.
- a better feet roll-over motion that eventually allows the shoes to per-

form the 90% of the step without bending the outsole, with a lower stress on its bonding and thus preventing upper's wrinkles that can cause pressure points on the foot and, eventually a more relaxing walk, where the foot is less stressed and the muscles more relaxed.

- the energy absorption set is thus given by the rubber compound of the outsole, by the height and shape of its cleats, the height and shape of its inner net, by the antiperforation composite lasting board materials and thickness, and most of all by our J-Morphic last: so in order to give our excellence light-

ness and energy absorption results, Jolly shoes don't need PU hidden midsoles or inserts that can melt at 130° and make the boot internally collapse.

“the shape of this shoe inside and out gives me a sensation that the shoe is part of me, and I can stand longer and walk longer... it makes me feel like running”



Jolly Boots with shaped surface and ergonomic width



Competitors boot with flat surface and traditional width

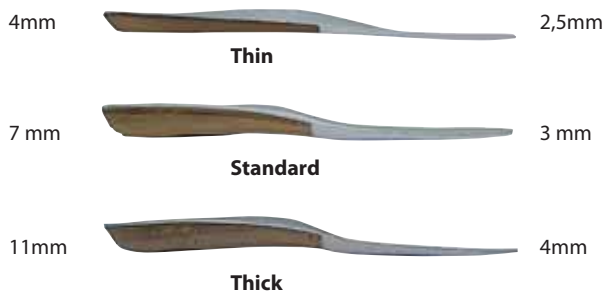
# safety & performance

## WIDTH

ALL OUR SHOES HAVE BEEN STUDIED IN THE WAY TO OFFER A VERY COMFORTABLE WIDTH RESPECTING THE FOOT'S ANATOMY AND WITH THE PURPOSE TO FACILITATE THEIR USE.

### Sole Compensator System

Each of us has a totally unique foot length and volume. Despite this, industrial production requires standardisation of shoe sizes in accordance with scales that are internationally accepted by all manufacturers. The result is that shoe size does not correspond perfectly to the real size of the foot. To overcome this problem, Jolly has developed SCS, the Sole Compensator System. It consists of insoles of different thickness designed to compensate the volume of the shoe in relation to the volume of the foot. The shoe comes supplied with the standard insole, but if necessary, can be fitted with the SCS EXTRA thicker insole, or with the SCS thinner insole. This ensures a perfect fit and maximum comfort and stability.



### Fit System - Wrap Band System

Fit System art. 9006/GA 9005/GA e 9015/A

The new elasticated system is designed to allow a volume

adjustment inside the foot area which creates a much improved fit for both feet, also reducing the need for special measures. The system is also especially good for female firefighters.



15,0	14,0	50
14,0	13,0	49
13,5	12,5	48
12,5	12,0	47
11,5	11,0	46
11,0	10,0	45
10,0	9,5	44
9,5	9,0	43
8,5	8,0	42
7,5	7,0	41
7,0	6,5	40
6,5	6,0	39
5,5	5,0	38
5,0	4,0	37
4,0	3,5	36
USA size	UK size	French size



For the selection of the size, we recommend to always verify the suitability of footwear with a fit trial. The footwear will only meet safety requirements when worn properly.

## UPPER

OUR TECHNOLOGY DERIVES FROM A TWENTY YEARS EXPERIENCE ON TREKKING FOOTWEAR. OUR "PERFORMANCE" FOOTWEAR ARE BUILT WITH THE LASTED&CEMENTED PROCESS, WHERE THE UPPER IS SHAPED AROUND A LAST THAT SIMULATE THE HUMAN FOOT MORPHOLOGY, THUS OBTAINING A FOOTWEAR THAT PERFECTLY WINDS UP THE FOOT WITHOUT COMPRESSIONS FOR ULTIMATE OPERATOR'S PERFORMANCES.

OUR "COMFORT" FOOTWEAR ARE BUILT WITH THE "DIRECT INJECTION ON UPPER" PROCESS, THUS OBTAINING ABSOLUTE COMFORT FOR LONG LASTING USAGE.



### Full Grain Leather

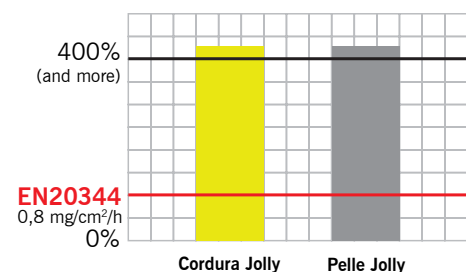
The hides used for our uppers are "full grain" type, i.e. they come from the best quality part of the hide. The special tanning treatments then give the leather the necessary qualities of water repellence and breathability.



### Cordura

A synthetic fabric with good strength and breathability, it is used for footwear that is not subject to high levels of operative stress.

### BREATHABILITY COEFFICIENT



# safety & performance

## WATERPROOFNESS BREATHABILITY AND DECONTAMINATION

OUR PRODUCTS ARE ENGINEERED TO KEEP FEET DRY AND PROTECT THEM BY BEING DURABLY WATERPROOF, BREATHABLE AND PROVIDING OPTIMIZED CLIMATE COMFORT

### BULLET POINTS

- LONG -LASTING QUALITY THAT IS INDUSTRY PROVEN
- VERSATILE FOOTWEAR LOWERS PROCUREMENT COST FOR EMPLOYER
- REDUCES JOB-RELATED ACCIDENTS, INJURIES AND ILLNESSES
- ADAPTABLE FOR MULTI-CLIMATE CONDITIONS
- PERSPIRATION IS PULLED AWAY FROM THE FEET, KEEPING THEM DRYER FROM THE INSIDE
- QUICK-DRYING FABRIC KEEPS FEET WARM AND MORE COMFORTABLE

### Bootie (4030/A – 4020/A)

The Gore-Tex® Footwear Bootie, available in 2 different heights, offers the same advantages as the removable Lining: removable, washable and replaceable. Furthermore it increases in an innovative way the functionality of our footwear, it is further designed to offer a very flexible application and can be worn only when the climatic condition requires its use.



### Removeable Lining (9006/GA)

The Gore-Tex® Footwear Membrane is well-known thanks to its property and characteristics. Now with the new removable Lining System introduced by Jolly Safety Footwear, it provides beneficial cost, hygiene and user advantages.

- The lining is easily removable and can be washed separately from the boot. In this way the inner boot hygiene is simply guaranteed
- In the case of an accidental water penetration, the removable lining enables a very quickly drying solution to a wet boot
- If broken or worn, it could be substituted by a replacement lining, resulting in a longer wear life for the boots.



### Waterproofness EN20344

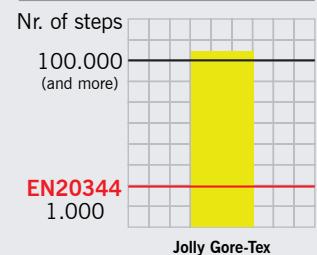


### Standard GORE-TEX® quality



Whole Boot MTRV: according to endure up to 2,0 - 3,5 g/h

### WATERPROOFNESS (TROUGH TEST)



### Leather VS. Rubber boots in Decon Tests

One of the documented fire-fighters concerns is the possibility of toxic and dangerous chemicals remaining in gear after decontamination.

The contamination concern becomes particularly important when a department is deciding whether to purchase leather or rubber footwear for its members.

W.L. Gore & Associates, Inc., conducted a series of laboratory tests on leather and rubber boots materials to determine residual levels of chemical contamination after completing decontamination procedures.

Although both leather and rubber are contaminated during fireground operations, our testing showed that after a simple wash, rubber retained higher levels of tested chemicals than leather did.

Gore focused on a range of chemicals that firefighters will likely encounter in the field, including carbon disulfide (CS<sub>2</sub>), tetrachloroethylene, isooctane (gasoline), acrylonitrile, dimethyl formamide (DMF), and diethyl amide.

Based on the FEMA study procedure, a leather sample and a rubber sample from newly manufactured boot materials were each saturated for 30 minutes with one of the selected chemicals. They were then rinsed with cold water for 30 seconds and scrubbed with 1.2-percent liquid detergent using a soft brush for 30 seconds. The samples then underwent another 30 seconds cold-water rinse and were air-dried in a well-ventilated area for 16 hours at room temperature.

Perhaps the most interesting results for firefighting professionals are those for isooctane (gasoline) because it is so frequently encountered at emergency scenes.

The isooctane residuals remained relatively high for the rubber boot samples even after decontamination. In contrast, the leather samples were almost fully decontaminated of isooctane by the normal decontamination procedures.

from: "FIRE ENGINEERING"

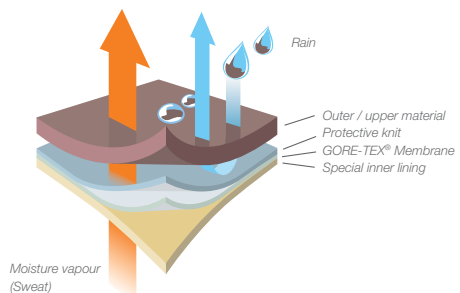

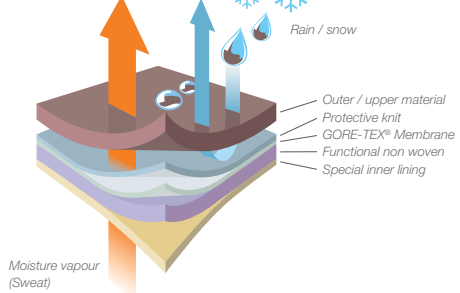

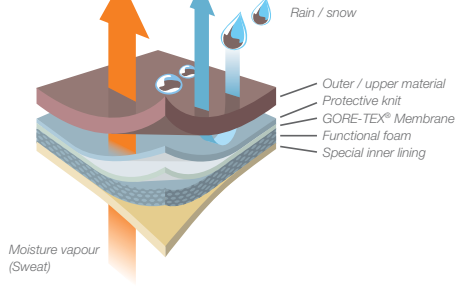



# safety & performance

## CLARITY THROUGH DIFFERENTIATION

- DELIVER PRECISE BEST-IN-CLASS CONDITIONS BASED ON APPROPRIATE PERFORMANCE STANDARDS FOR CLIMATE COMFORT RANGING FROM WARM TO COLD CONDITIONS
- ADDRESS VARIABLE LEVELS OF THERMAL INSULATION IN FOOTWEAR

### Product classes/ranges

 <p>Outer / upper material Protective knit GORE-TEX® Membrane Special inner lining</p> <p>Rain</p> <p>Moisture vapour (Sweat)</p>		<p><b>Calzature GORE-TEX® Extended Comfort</b></p> <p><b>Dry &amp; Comfortably cool</b></p> <p>GORE-TEX® Extended Comfort Footwear keeps feet dry and protected by being durably waterproof and breathable and is an engineered system which provides leading climate comfort. It is ideal for moderate and warmer conditions and during higher activity levels.</p> <p>GORE-TEX® Extended Comfort Footwear:</p> <ul style="list-style-type: none"> <li>- Durably waterproof and breathable</li> <li>- Optimized climate comfort</li> <li>- For moderate and warmer conditions</li> <li>- During higher activity levels</li> <li>- For indoor and outdoor use</li> <li>- Non-insulating for lowest heat retention</li> </ul>
 <p>Outer / upper material Protective knit GORE-TEX® Membrane Functional non woven Special inner lining</p> <p>Rain / snow</p> <p>Moisture vapour (Sweat)</p>		<p><b>Calzature GORE-TEX® Performance Comfort</b></p> <p><b>Dry &amp; Comfortable</b></p> <p>GORE-TEX® Performance Comfort Footwear keeps feet dry and protected by being durably waterproof and breathable and is an engineered system which provides leading climate comfort. It is ideal for a wide range of conditions and outdoor activities.</p> <p>GORE-TEX® Performance Comfort Footwear:</p> <ul style="list-style-type: none"> <li>- Durably waterproof and breathable</li> <li>- Optimized climate comfort</li> <li>- For moderate conditions</li> <li>- For a wide range of outdoor activities</li> <li>- Moderately insulating for nominal heat retention</li> </ul>
 <p>Outer / upper material Protective knit GORE-TEX® Membrane Functional foam Special inner lining</p> <p>Rain / snow</p> <p>Moisture vapour (Sweat)</p>		<p><b>Calzature GORE-TEX® Insulated Comfort</b></p> <p><b>Dry &amp; Comfortably warm</b></p> <p>GORE-TEX® Insulated Comfort Footwear keeps feet dry, warm and protected by being durably waterproof and breathable and is an engineered system which provides leading climate comfort. It is ideal for cold conditions and winter outdoor activities.</p> <p>GORE-TEX® Insulated Comfort Footwear:</p> <ul style="list-style-type: none"> <li>- Durably waterproof and breathable</li> <li>- Optimized climate comfort</li> <li>- For cold to very cold conditions</li> <li>- For a wide range of outdoor activities</li> <li>- For maximum heat retention</li> </ul>



### Laminati per calzature CROSSTECH®

#### Meeting the Demands of Rescue and Recovery

If the risk assessment of the operating environment addresses the need for durable protection against blood and body fluids, CROSSTECH® Laminates provide the solution. CROSSTECH® Laminates are the most durable blood and body fluid penetration resistant and breathable moisture barrier.

- Superior liquid penetration resistance
- Easy to care for
- Prevents perspiration build-up
- Breathable comfort
- Extremely durable

# safety & performance

## LIGHTNESS E FLEXIBILITY

### Lasting board insole:

The composite insole is a modern alternative to the traditional steel anti-perforation plate. This new kind of insole enhances footwear flexibility and lightness and thus its comfort. It has a multi-layer frame with differentiated densities and thickness of 3.5mm on the front part and 6.5mm on the heel part, and it is composed by:

- Main insole in special antiperforation fabrics, very flexible, based on polyester HT fibres.
- Stabilizing metal shank reinforced by a polypropylene



moulded embracing the insole over its back portion for about 50% of its surface.

- An antistatic slot aimed to be filling the central part of the bottom of the upper, after the flattening for bonding operation.
- Side clip in antistatic material for the correct electrical connection in order to guarantee the necessary antistatic properties of the shoes wherever needed.
- The insole is approved by standard EN 12568 as antiperforation insert with a resistance that is higher than 1400 Newton.

The composite insole is a modern alternative to the traditional steel anti-perforation plate. This new kind of insole enhances footwear flexibility and lightness and thus the its comfort.



### New aluminium 200J toe cap

With this new aluminium alloy toe cap Jolly Scarpe confirms this technology into its safety footwear.

The unique and exclusive features of this toe cap are: weight 40% lighter than steel, notch toughness stable up to -50°, high resistance to oxidation, anallergic, not polluting.



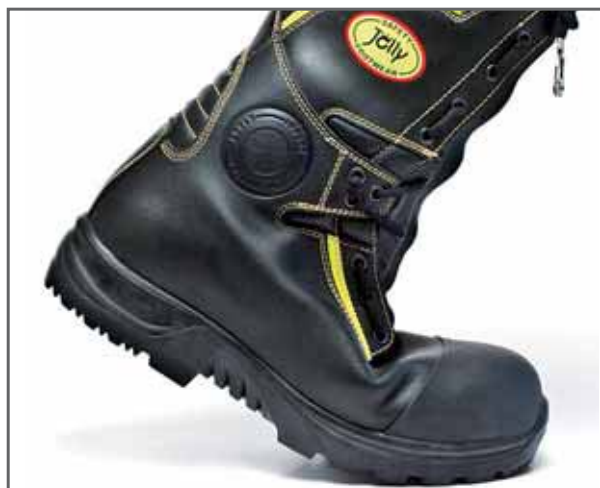
### New composite 200J toe cap

Non-magnetic, reduced thickness, thermally insulating, 200J resistant also to extreme temperatures, weight 45% lighter than steel.

*Ask a fire-officer why he prefers Jolly boots and he will simply answer you: "Full Safety Full Comfort"*

### Flexibility

The rear padded flexors, those of the central-front area and of the inner tongue, allow a correct flexion of the foot in the correct areas and the thus enable to a wide range of movements, both during the walk on scope, for driving trucks.



Jolly boot



Competitors boot

# safety & performance

## JOLLY SHIELDS: SAFETY & PRECISION



THE PLANNING OF OUR FOOTWEAR PROVIDES THE EMPLOYMENT OF EXCELLENT QUALITY MATERIALS AND ALSO THE APPLICATION OF TECHNICAL INNOVATIONS GROWN OUT OF DIFFERENT STUDIES AND TESTS. THIS ALLOWS US TO ALWAYS REACH THE MAXIMUM LEVELS IN TERMS OF SAFETY, QUALITY, COMFORT AND IN PARTICULAR THE RESPECT OF ALL THE STANDARDS PROTECTING THE FINAL USER.

### Chain Saw Resistance - Class 2



Some footwear offer the resistance at the chain saw as required from the Standard EN ISO 17249:2004.

It is important to underline that no personal protective equipment can afford 100% protection

against cutting by a chainsaw. Nonetheless, our experience has shown that it is possible to design equipment that offer a reasonable level of protection. Various protective strategies can be employed:

- chain slips on contact, so that it does not cut the material
- fibres accumulate on the chain and in the saw gearbox, causing the chain to stop
- fibres with high resistance to cutting absorb the rotation energy, thereby reducing the speed of the chain.



### Lasting board insole:

The composite insole is a modern alternative to the traditional steel anti-perforation plate. This new kind of insole enhances footwear flexibility and lightness and thus its comfort. It has a multi-layer frame with differentiated densities and thickness of 3.5mm on the front part and 6.5mm on the heel part, and it is composed by:

- Main insole in special antiperforation fabrics, very flexible, based on polyester HT fibres.
- Stabilizing metal shank reinforced by a polypropylene moulded embracing the insole over its back portion for about 50% of its surface.

- An antistatic slot aimed to be filling the central part of the bottom of the upper, after the flattening for bonding operation.

- Side clip in antistatic material for the correct electrical connection in order

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- The insole is approved by standard EN 12568 as antiperforation insert with a resistance that is higher than 1400 Newton.

The composite insole is a modern alternative to the traditional steel anti-perforation plate. This new kind of insole enhances footwear flexibility and lightness and thus its comfort.



### Ankle protection (9081 GA)



Many shoes among our collection have an ankle protection insert. We inserted a rigid ankle protection in order to support

the ankle in a suitable way and thus restricting the risk of distortions or dangerous impacts.

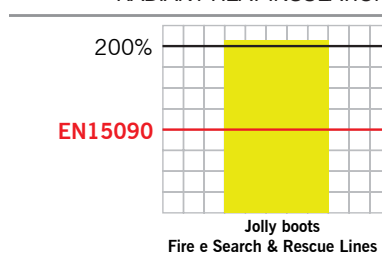


### Heat resistance



High level of heat insulation: all Jolly footwear belonging to the FIRE and SEARCH & RESCUE collections reach the HI<sup>3</sup> level with values that exceed of 30% the minimum standard EN15090 requirements.

#### RADIANT HEAT INSULATION



The radiant heat insulation exceeds of more than 200% the minimum requirements of EN15090.

### Precision lacing (9081 - 6011)



The ease of lacing and the ease of release of the footwear are the pivot point of the implementation to the concept of safety, of our know-how in terms of ergonomics and namely are the result of continuous and effective relationship with the

end users. The completely splittable zipper, allows a complete cleaning of the footwear, even in those spots that are not-accessible with traditional zippers. The replaceable zip slider means longer lasting life of the whole zipper element and thus saving in accessories costs. The articulated d-rings in anti-rust metal alloy, ensure an ultimate adaptability of the lacing to the foot, while the lace-stoppers with toothed pivot incredibly facilitate the lock and release operations.

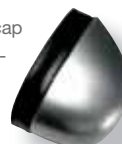


### New aluminium 200J toe cap



With this new aluminium alloy toe cap Jolly Scarpe confirms this technology into its safety footwear. The unique and exclusive features of this

toe cap are: weight 40% lighter than steel, notch toughness stable up to -50°, high resistance to oxidation, anallergic, not polluting.



### New composite 200J toe cap



Non-magnetic, reduced thickness, thermally insulating, 200J resistant also to extreme temperatures, weight 45% lighter than

steel.



# safety & performance

## OUTSOLE: PERFECT GRIP – LONG LASTING

ALL JOLLY FOOTWEAR HAVE BEEN REALIZED WITH THE INTENTION TO BE USED ON DIFFERENT GROUNDS, CONDITIONS AND ACTIVITY LEVELS WELL DEFINED BY PRELIMINARY STUDIES. DIFFERENTIAL OF THICKNESS AND OF DENSITY OF THE OUTSOLE COMPOUND ON THE DIFFERENT FEET AREAS, SLIP RESISTANCE LEVELS AND THE SURFACE DESIGN ARE THE BASIC ELEMENTS FOR EACH OUTSOLE PROJECT.

### SLIP RESISTANCE COEFFICIENT

	SURFACE: CERAMIC LUBRIFICANT: DETERGENT SOLUTION	SURFACE: SMOOTH STEEL LUBRIFICANT: GLYCEROL
<b>SRA</b>	■■■■■■■■■■	
<b>SRB</b>		■■■■■■■■■■
<b>SRC</b>	■■■■■■■■■■ SRA+SRB	

### Fire Fighters



FIREFLY

### Search & Rescue operators and fire fighter volunteers



FIRE BIRD



MAKALU'

### Police & military



FLAG



FLAG LADY



LES-WCF



TANK



URBAN



URBAN LADY



TANK MTR



PATROL MTR



TYRE MTR



RACE MTR

### Workwear



OKUTO 7P



SOFTTEE



PROTEX



RESCUE



VIBRAM FOURRA

### Heel Energy Absorption

The absorption level of energy has been established by the thickness and by the composition of the outsole, by the height and the shape of the heel, by the height and the shape of the inner net which also causes the reduction of the weight and the presence of an air pad for a better heat isolation, by the composite material of the anti-perforation midsole, by the presence of antishock PU or EVA inserts and finally from our shape.



## JOLLY INNER AIR FLOW SYSTEM

EN 15090 Standard for fire-fighter's footwear clearly states (by not adopting in table 4 the paragraph 5.4.1 of EN ISO 20345) that the full height of the boot is upper and that tear strength, radiant heat and flame resistance, water penetration and absorption tests must be performed over all the upper (see EN 15090 Table 4, page 9, section "Upper").

### SO WHAT ABOUT AERATION SYSTEMS WITH HOLES OVER THE UPPER?

All over the upper the tear strength cannot be under 120 Newton of breaking force: do you really think that a pierced upper can reach it? What about the radiant heat and flame resistance tests through the holes? If the upper is said to be water-resistant do you really think a hole is useful?

Jolly footwear for fire-fighters fully respect EN 15090 and the air between the upper and the GORE-TEX® lining is allowed to easily flow in and out through the air mesh of the inner collar, naturally at every step!!!



Competitors boot



Jolly boot





Fire Fighters line



# 9081/GA Fireguard Evolution

## FIRE FIGHTERS

Available also as no-antistatic version - A30 - ART. 9081G



LEATHER TRANSPARATION  
**+400%**

HEAT INSULATION  
**+30%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING STRENGTH  
**+90%**

HEEL ENERGY ABSORPTION  
**+100%**

- The ultimate fire-fighters boot.
- High visibility PPE, lightweight and comfortable
- Ankle protection, side antiperforation panels and abrasion-resistant rubber overcap.
- Good stability both for walking and running
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Total opening zipper easy and fast to clean
- High quality materials for a long lasting boot
- Padded rear flexors for an increased fitting comfort
- Rear leather pull-on loop
- Extremely comfortable for long-day usage (breathability is 400% better than EN20345 5.4.6 standard requirement)
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 90% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil



**Product name:** FIREGUARD EVOLUTION

**Article number:** 9081 GA

### Upper leather

Full-grain cowhide leather, waterproofed, black, 2.4 - 2.6 mm thick

### Top lining

Soft full-grain leather, waterproofed, black, 1.0-1.1 mm. thick

### Lining

Seam sealed 4-ply laminate (GORE-TEX® DURACOM CAMBRELLE) bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100% PA

Layer 2 Insulating felt for transporting water Vapour 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 Backing fabric knit 100% PA

### Reflecting insert

Reflex Scotchlite 3M material, yellow.

### Toe cap

Very light aluminium toe cap (-40% compared to steel), asymmetric with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining, it can not be removed without damaging the whole boot. A plastic soft padding on the upper edge of the cap protects the feet while flexing.

### Heel cap

1.8mm resinated synthetic bonded fabric, thermally mouldable, glued to upper material.

### Upper cap

Abrasion-resistant flame-proof rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement

### Ankle protection

Heat moulded material with shock-absorbing properties

### Side antiperforation panels

Multilayer antiperforation fabric, with a perforation resistance of 1100 Newton.

### Zip-closure

New Jolly rapid off-system with total opening zipper: the zip closure is made with the same leather quality of the upper and completed with 10 couples of nickel-free eyelets, non rusting, with a 5 mm inside diameter. The metal slider is running on plastic teeth, which are protected by leather on the front part.

### Sewing thread

Kevlar® Filament, permanent flame-retardant, water-repellent finish, black.

### Eyelets

Burnished brass, non rusting, 5 mm inside diameter.

### Fixing hooks

Plastic hook with non-rusting metal pins, fixed with single rivet.

### Laces

Meta-Aramid Filament (Nomex®) flat laces, 32 threads, fire-resistant treated

### Lace-clip

At the ends of the lace are positioned 2 plastic clips with an inside spring system, to allow the optimum lace fixing.

### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

### Insole

Average 5 mm thick insole made by a multilayer construction using special antiperforation composite materials with a plastic reinforcement as stabilizer and completed with a felt filler on the bottom. Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

### Sole

Nitrile rubber cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, slip-resistant SRC, high wear-resistant. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface. The high energy absorption in the heel area is given by the rubber compound of the outsole and by the height and shape of its cleats. The height and shape of its inner net, with air cushion, improve both shock absorbing but also thermal properties

### Weight/pair

abt 2410 g (size 42)

### Back height

abt 30 cm (suola inclusa) (size 42)

### CE Certificate

EN 15090 :2006 F2A HI<sub>3</sub> CI AN - SRC Category III P.P.E

### Size range

36 - 49 (50-51 supplied as specials)

# 9005/GA Fireprofi

## FIRE FIGHTERS



LEATHER TRANSPARATION  
**+400%**

HEAT INSULATION  
**+30%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING STRENGTH  
**+90%**

HEEL ENERGY ABSORPTION  
**+100%**

- High visibility PPE
- Lightweight and comfortable
- Ankle protection, side antiperforation panels and abrasion-resistant rubber overcap
- Good stability both for walking and running
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Highly breathable (breathability is 400% better than EN20345 5.4.6 standard requirement)
- Good fit thanks to the elasticated band system which prevents the foot from slipping off the boot.
- Extremely comfortable for long-day usage
- Padded rear and front flexors to improve flexibility and comfort
- Rear leather pull-on loop
- High quality materials for a long lasting boot.
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 90% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil



### Product Name: FIREPROFI

Article number: 9005 GA

#### Upper leather

Full-grain cowhide leather, waterproofed, black, 2.4 - 2.6 mm thick

#### Top collar

Soft aniline leather, black, 1.0-1.1 mm thick, padded with special foam to improve fitting comfort.

#### Rear and front flexors

Soft aniline leather, black, padded with special foam to enable the foot to easily undertake a wide range of movements.

#### Lining

Seam sealed 4-ply laminate (GORE-TEX® DURACOM CAMBRELLE) bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100%PA

Layer 2 Insulating felt for transporting water Vapour 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 Backing fabric knit 100% PA

#### Reflecting insert

Reflex Scotchlite 3M material, yellow.

#### Elastic insert

An elastic band is positioned in the instep area, permanently anchored to the insole, in order to hold the foot in the correct position. This fitting system prevents the foot from slipping off the boot.

#### Toe cap

Very light aluminium toe cap (-40% compared to steel), asymmetric with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining, it can not be removed without damaging the whole boot. A plastic soft padding on the upper edge of the cap protects the feet while flexing.

#### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable, glued to upper material.

#### Upper cap

Abrasion-resistant flame-proof rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement.

#### Ankle protection

Heat moulded material with shock-absorbing properties

#### Side antiperforation panels

Multilayer antiperforation fabric, with a perforation resistance of 1100 Newton.

#### Sewing thread

Kevlar® Filament, permanent flame-retardant, water-repellent finish, yellow.

#### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

#### Insole

Average 5 mm thick insole made by a multilayer construction using special antiperforation composite materials with a plastic reinforcement as stabilizer and completed with a felt filler on the bottom. Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

#### Sole

Nitrile rubber cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, high wear-resistant, slip-resistant SRC. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface. The high energy absorption in the heel area is given by the rubber compound of the outsole, by the height and shape of its cleats. The height and shape of its inner net, with air cushion, improve both shock absorbing but also thermal properties.

#### Weight/pair

abt 2320 g (size 42)

#### Back height

abt 35 cm (sole included) (size 42)

#### CE Certificate

EN 15090 :2006 F2A HI3 CI AN – SRC Category III P.P.E.

#### Size range

36 – 49 (50-51 supplied as specials)

# 9055/GA Challenger Evo

**FIRE FIGHTERS**

**LEATHER TRANSPARATION**  
**+400%**
**HEAT INSULATION**  
**+30%**
**LONG LASTING SOLE**  
**+40%**
**SOLE BONDING STRENGTH**  
**+90%**
**HEEL ENERGY ABSORPTION**  
**+90%**

- CHAIN SAW CUT RESISTANT CLASS 2
- Lightweight and comfortable
- Ankle protection and abrasion-resistant rubber overcap
- Good stability both for walking and running
- Total opening zipper easy and fast to clean
- High quality materials for a long lasting boot
- High visibility PPE thanks to the red reflecting insert
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Padded rear flexors for an increased fitting comfort
- Rear leather pull-on loop
- Extremely comfortable for long-day usage (breathability is 400% better than EN20345 5.4.6 standard requirement)
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 90% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 90% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil


**Product name:** CHALLENGER EVO

**Article number:** 9055 GA

**Upper leather**

Full-grain cowhide leather, waterproofed, black, 2.4 - 2.6 mm thick

**Top lining**

Soft full-grain leather, waterproofed, black, 1.0-1.1 mm. thick

**Lining**

Seam sealed 4-ply laminate (GORE-TEX® DURACOM CAMBRELLE) bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100%PA

Layer 2 Insulating felt for transporting water Vapour 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 Backing fabric knit 100% PA

**Reflecting insert**

Reflex Scotchlite 3M material, red.

**Toe cap**

Very light aluminium toe cap (~40% compared to steel), asymmetric with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining, it can not be removed without damaging the whole boot. A plastic soft padding on the upper edge of the cap protects the feet while flexing.

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable, glued to upper material.

**Upper cap**

Abrasion-resistant flame-proof rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement

**Chainsaw reinforcement**

Para-Aramid woven fabric (Kevlar), 2-layers, abt 1.4 mm thick

**Ankle protection**

Heat moulded material with shock-absorbing properties

**Zip-closure**

New Jolly rapid off-system with total opening zipper: the zip closure is made with the same leather quality of the upper and completed with 10 couples of nickel-free eyelets, non rusting, with a 5 mm inside diameter. The metal slider is running on plastic teeth, which are protected by leather on the front part.

**Sewing thread**

Kevlar® Filament, permanent flame-retardant, water-repellent finish, red.

**Eyelets**

Burnished brass, non rusting, 5 mm inside diameter.

**Fixing hooks**

Plastic hook with non-rusting metal pins, fixed with single rivet.

**Laces**

Meta-Aramid Filament (Nomex®) flat laces, 32 threads, fire-resistant treated.

**Lace-clip**

At the ends of the lace are positioned 2 plastic clips with an inside spring system, to allow the optimum lace fixing.

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

**Insole**

Average 5 mm thick insole made by a multilayer construction using special antiperforation composite materials with a plastic reinforcement as stabilizer and completed with a felt filler on the bottom. Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**

Nitrile rubber cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, slip-resistant SRC, high wear-resistant. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface. The high energy absorption in the heel area is given by the rubber compound of the outsole and by the height and shape of its cleats. The height and shape of its inner net, with air cushion, improve both shock absorbing but also thermal properties.

**Weight/pair**

abt 2590 g (size 42)

**Back height**

abt 30 cm (sole included) (size 42)

**CE Certificate**

 EN 15090:2006 F2A H<sub>1</sub> CI AN - SRC EN ISO 17249:2004 for CHAINSAW cut-resistance Class 2 Category III P.P.E

**Size range**

36 - 49 (50-51 supplied as specials)

# 9006/GA Fireprofi Evo

## FIRE FIGHTERS

Available also as no-antistatic version - A30 - ART. 9106G



LEATHER TRANSPARATION  
+400%

HEAT INSULATION  
+30%

LONG LASTING SOLE  
+40%

SOLE BONDING STRENGTH  
+90%

HEEL ENERGY ABSORPTION  
+90%

- High visibility PPE
- Revolutionary system of interchangeable lining
- Lightweight and comfortable
- Ankle protection, side antiperforation panels and abrasion-resistant rubber overcap
- Good stability both for walking and running
- Extremely comfortable for long-day usage (breathability is 400% better than EN20345 5.4.6 standard requirement)
- Good fit thanks to the elastic band system which prevents the foot from slipping off the boot
- Lining: CROSSTECH® excellent to make a durable barrier against blood and body fluids and a breathable moisture barrier
- Padded rear and front flexors to improve flexibility and comfort
- Rear leather pull-on loop
- High quality materials for a long lasting boot
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 90% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 90% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil



Removable lining 1CA06



CROSSTECH® laminate



J-Morphic



Fire resistant



Padded collar and flexor



Ankle protection



SOFT



ALU



FIT



High visibility



F.O.D.



SRC Certified

### Product Name: FIREPROFI EVO

Article number: 9006 GA

#### Upper leather

Full-grain cowhide leather, waterproofed, black, 2.4 - 2.6 mm thick

#### Top collar

Soft aniline leather, black, 1.0-1.1 mm thick, padded with special foam to improve fitting comfort

#### Rear and front flexors

Soft aniline leather, black, padded with special foam to enable the foot to easily undertake a wide range of movements.

#### Lining

Seam sealed 4-ply laminate (CROSSTECH®) bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100% PA

Layer 2 Insulating felt for transporting water Vapour 100% PES

Layer 3 Special bi-component waterproof and water vapour permeable protective membrane base ePTFE.

Layer 4 Backing fabric knit 100% PA

#### Reflecting insert

Reflex Scotchlite 3M material, red.

#### Elastic insert

An elastic band is positioned in the instep area, permanently anchored to the insole, in order to hold the foot in the correct position. This fitting system prevents the foot from slipping off the boot.

#### Toe cap

Very light aluminium toe cap (-40% compared to steel), asymmetric with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining, it can not be removed without damaging the whole boot. A plastic soft padding on the upper edge of the cap protects the feet while flexing.

#### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable, glued to upper material.

#### Upper cap

Abrasion-resistant flame-proof rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement.

#### Ankle protection

Heat moulded material with shock-absorbing properties

#### Side antiperforation panels

Multilayer antiperforation fabric, with a perforation resistance of 1100 Newton.

#### Sewing thread

Kevlar® Filament, permanent flame-retardant, water-repellent finish, red.

#### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

#### Insole

Average 5 mm thick insole made by a multilayer construction using special antiperforation composite materials with a plastic reinforcement as stabilizer and completed with a felt filler on the bottom. Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

#### Sole

Nitrile rubber cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, high wear-resistant, slip-resistant SRC. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface. The high energy absorption in the heel area is given by the rubber compound of the outsole, by the height and shape of its cleats. The height and shape of its inner net, with air cushion, improve both shock absorbing but also thermal properties.

#### Weight/pair

abt 2240 g (size 42)

#### Back height

abt 35 cm (sole included) (size 42)

#### CE Certificate

EN 15090 :2006 F2A HI° CI AN – SRC Category III P.P.E.

#### Size range

36 – 49 (50-51 supplied as specials)



# 9052/A Specialguard

## FIRE FIGHTERS

- Also suitable for Search & Rescue operators and fire fighter volunteers.



LEATHER  
TRANSPIRATION  
**+600%**

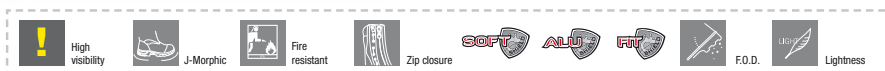
HEAT  
INSULATION  
**+30%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING  
& TARE WEIGHT  
**+20%**

HEEL ENERGY  
ABSORPTION  
**+100%**

- High visibility PPE
- Lightweight and comfortable
- Good stability both for walking and running
- Abrasion-resistant rubber overcap
- Total opening zipper easy and fast to clean
- Padded rear flexors for an increased fitting comfort
- Rear leather pull-on loop
- High quality materials for a long lasting boot
- Extremely comfortable for long-day usage (breathability is 600% better than EN20345 5.4.6 standard requirement)
- Good water-resistance
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 20% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil.



### Product name: SPECIALGUARD

Article number: 9052 A

### Upper leather

Full-grain cowhide leather, waterproofed, black 1.8 - 2.0 mm thick

### Top lining

Soft full-grain leather, waterproofed, black, 1.0-1.1 mm. thick

### Lining

High breathable fabric Cambrelle® 100% PA

### Reflecting insert

Reflex Scotchlite 3M material, grey.

### Toe cap

Very light aluminium toe cap (-40% compared to steel), asymmetric with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining, it can not be removed without damaging the whole boot. A plastic soft padding on the upper edge of the cap protects the feet while flexing.

### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable, glued to upper material.

### Upper cap

Abrasion-resistant flame-proof rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement

### Zip-closure

New Jolly rapid off-system with total opening zipper: the zip closure is made with the same leather quality of the upper and completed with 10 couples of nickel-free eyelets, non rusting, with a 5 mm inside diameter. The metal slider is running on plastic teeth, which are protected by leather on the front part.

### Sewing thread

Kevlar® Filament, permanent flame-retardant, water-repellent finish, black.

### Eyelets

Burnished brass, non rusting, 5 mm inside diameter.

### Fixing hooks

Plastic hook with non-rusting metal pins, fixed with single rivet.

### Laces

Meta Aramid Filament (Nomex®) flat laces, 32 threads, fire-resistant treated.

### Lace-clip

At the ends of the lace are positioned 2 plastic clips with an inside spring system, to allow the optimum lace fixing.

### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

### Insole

Average 5 mm thick insole made by a multilayer construction using special antiperforation composite materials with a plastic reinforcement as stabilizer and completed with a felt filler on the bottom. Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

### Sole

Nitrile rubber non-slip cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, high wear-resistant. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface. The high energy absorption in the heel area is given by the rubber compound of the outsole and by the height and shape of its cleats. The height and shape of its inner net, with air cushion, improve both shock absorbing but also thermal properties

### Weight/pair

abt. 2100 g (size 42)

### Back height

abt. 30 cm (sole included) (size 42)

### CE Certificate

EN 15090 :2006 F2A HI<sub>3</sub> CI AN - SRA Category III P.P.E.

### Size range

36 - 49 (50-51 supplied as specials)



# 9015/A Fireleather

- Also suitable for Search & Rescue operators and fire fighter volunteers.

## FIRE FIGHTERS



LEATHER TRANSPARATION  
**+600%**

HEAT INSULATION  
**+30%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING STRENGTH  
**+20%**

HEEL ENERGY ABSORPTION  
**+100%**

- High visibility PPE
- Lightweight and comfortable
- Good fit thanks to the elasticated band system which prevents the foot from slipping off the boot
- Good stability both for walking and running
- Rear leather pull-on loop
- Abrasion-resistant rubber overcap
- Extremely comfortable for long-day usage (breathability is 600% better than EN20345 5.4.6 standard requirement)
- High quality materials for a long lasting boot
- Good water-resistance
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 20% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil.



**Product name:** FIRELEATHER

**Article number:** 9015 A

### Upper leather

Full-grain cowhide leather, waterproofed, black 1.8 - 2.0 mm thick

### Top collar

Soft aniline leather, black, 1.0-1.1 mm thick, padded with special foam to improve fitting comfort.

### Lining

High breathable fabric Cambrelle® 100%PA

### Reflecting insert

Reflex Scotchlite 3M material, grey.

### Elastic insert

An elastic band is positioned in the instep area, permanently anchored to the insole, in order to hold the foot in the correct position. This fitting system prevents the foot from slipping off the boot.

### Toe cap

Asymmetric steel toe cap with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining, it can not be removed without damaging the whole boot. A plastic soft padding on the upper edge of the cap protects the feet while flexing.

### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable, glued to upper material.

### Upper cap

Abrasion-resistant flame-proof rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement.

### Sewing thread

Kevlar® Filament, permanent flame-retardant, water-repellent finish, black.

### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase

the energy absorption on the heel.

### Insole

Average 5 mm thick insole made by a multilayer construction using special antiperforation composite materials with a plastic reinforcement as stabilizer and completed with a felt filler on the bottom. Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

### Sole

Nitrile rubber non-slip cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, high wear-resistant. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface. The high energy absorption in the heel area is given by the rubber compound of the outsole and by the height and shape of its cleats. The height and shape of its inner net, with air cushion, improve both shock absorbing but also thermal properties.

### Weight/pair

abt 2270 g (size 42)

### Back height

abt 36 cm (sole included) (size 42)

### CE Certificate

EN 15090 :2006 F2A HI<sub>3</sub> CI AN - SRA Category III P.P.E.

### Size range

36 - 49 (50-51 supplied as specials)

NEW

## 9106/G Fire Profi A30

FIRE FIGHTERS

LEATHER TRANSPARATION  
+400%HEAT INSULATION  
+30%LONG LASTING SOLE  
+40%SOLE BONDING STRENGTH  
+90%HEEL ENERGY ABSORPTION  
+100%

- High visibility PPE
- Lightweight and comfortable
- Ankle protection, side antiperforation panels and abrasion-resistant rubber overcap
- Good stability both for walking and running
- Lining: CROSSTECH® excellent to make a durable barrier against blood and body fluids and a breathable moisture barrier
- Highly breathable (breathability is 400% better than EN20345 5.4.6 standard requirement)
- Good fit thanks to the elasticated band system which prevents the foot from slipping off the boot
- Extremely comfortable for long-day usage
- Padded rear and front flexors to improve flexibility and comfort
- Rear leather pull-on loop
- High quality materials for a long lasting boot
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 90% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil and with high electrical resistance

CROSSTECH®  
laminare

J-Morphic

Fire  
resistantPadded  
collar and  
flexorAnkle  
protection

SOFT



FIT

High  
visibility

Lightness



F.O.D.

**Product Name:** FIRE PROFI A30**Article number:** 9106 G**Upper leather**

Full-grain cowhide leather, waterproofed, black, 2.4 - 2.6 mm thick

**Top collar**

Soft aniline leather, black, 1.0-1.1 mm thick, padded with special foam to improve fitting comfort.

**Rear and front flexors**

Soft aniline leather, black, 1.0-1.1 mm thick, padded with special foam to enable the foot to easily undertake a wide range of movements.

**Lining**

Seam sealed 4-ply laminate (CROSSTECH®) bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100%PA

Layer 2 Insulating felt for transporting water Vapour 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 Backing fabric knit 100% PA

**Reflecting insert**

Reflex Scotchlite 3M material, red.

**Elastic insert**

An elastic band is positioned in the instep area, permanently anchored to the insole, in order to hold the foot in the correct position. This fitting system prevents the foot from slipping off the boot.

**Toe cap**

Steel toe cap, asymmetric with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining, it can not be removed without damaging the whole boot. A plastic soft padding on the upper edge of the cap protects the feet while flexing.

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable, glued to upper material.

**Upper cap**

Abrasion-resistant flame-proof rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement.

**Ankle protection**

Heat moulded material with shock-absorbing properties

**Side antiperforation panels**

Multilayer antiperforation fabric, with a perforation resistance of 1100 Newton.

**Sewing thread**

Kevlar® Filament, permanent flame-retardant, water-repellent finish, red.

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

**Insole**

Average 5 mm thick insole made by a multilayer construction using special antiperforation composite materials with a plastic reinforcement as stabilizer and completed with felt filler on the bottom. Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**

Nitrile rubber cemented sole, heat resistant at 300° C, high electrical resistance over 20 Giga Ohms. Oil and petrol and high wear-resistant, slip-resistant, self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface. The high energy absorption in the heel area is given by the rubber compound of the outsole and by the height and shape of its cleats. The height and shape of its inner net, with air cushion, improve both shock absorbing but also thermal properties.

**Weight/pair**

abt 2440 g (size 42)

**Back height**

abt 39 cm (sole included) (size 42)

**CE Certificate**EN 15090 :2006 H<sub>3</sub> CI AN – F2IS - SRB Category III P.P.E. as from Directive 89/686/EEC**Size range**

EU 36 – 49 (50/51 supplied as specials)

UK 3.5 – 13 (14/15 supplied as specials)

NEW

## 6522/G Lamprey

## FIRE FIGHTERS

- Also suitable for Workwear.



LEATHER  
TRANSPARATION  
**+400%**

HEAT  
INSULATION  
**+30%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING  
STRENGTH  
**+70%**

HEEL ENERGY  
ABSORPTION  
**+100%**

- Lightweight and comfortable
- Good stability both for walking and running
- Highly breathable (breathability 400% higher than EN20345 5.4.6 standard requirement)
- Abrasion-resistant rubber overcap
- Extremely comfortable for long-day usage
- High electrical resistant outsole according to EN 15090:2006 IS for electricians and firemen
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 70% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil

**Product Name:** LAMPREY**Article number:** 6522 G**Leather upper**

Full-grain cowhide leather, waterproofed, black, 2.4-2.6 mm thick

**Top collar**

Soft full-grain leather, waterproofed, black, 1.0-1.1 mm thick

**Rear flexors**

Soft aniline leather, black, padded with special foam to enable the foot to easily undertake a wide range of movements

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® DURACOM CAMBRELLE), bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100% PA

Layer 2 Functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 Backing fabric knit 100% PA

**Toe cap**

Very light aluminium toe cap (-40% compared to steel), asymmetric with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining, it can not be removed without damaging the whole boot.

A plastic soft padding on the upper edge of the cap protects the feet while flexing.

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Upper cap**

Abrasion-resistant flame-proof rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement.

**Sewing thread**

Kevlar® Filament, permanent flame-retardant, water-repellent finish, black.

**Lace hooks**

New Jolly hooks made out of burnished steel.

**Fixing hooks**

ZAMA alloy totally rustproof, for the optimum lace fixing

**Jointed open hooks**

ZAMA alloy totally rustproof. The joints make lacing easier and faster.

**Laces**

Meta Aramid filament (Nomex®) round laces, black, water-repellent treated.

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion nonwoven material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

**Insole**

Average 5 mm thick insole made by a multilayer construction using special antiperforation nylon materials with a plastic reinforcement as stabilizer and completed with felt filler on the bottom.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**

Nitrile rubber cemented sole, heat resistant at 300° C, with high electrical resistance, oil and petrol resistant, with energy absorption in the heel area, non slip, self-cleaning and foreign objects + debris free.

Thanks to the double density of the rubber compound, the shock absorption and the slip resistance of the boot are considerably improved.

**Weight/pair**

abt 1960 g (size 42)

**Back height**

abt 19 cm (sole included) (size 42)

**CE certificate**

EN 15090:2006 F2IS H13 CI SRA Category III P.P.E

**Size range**

36 - 49 (50-51 supplied as specials)





# Search & Rescue operators and fire fighter volunteers line





# 6011/GA Explorer II

**SEARCH & RESCUE OPERATORS  
AND FIRE FIGHTER VOLUNTEERS**

- Also suitable for Military and Police.



LEATHER  
TRANSPARATION  
**+400%**

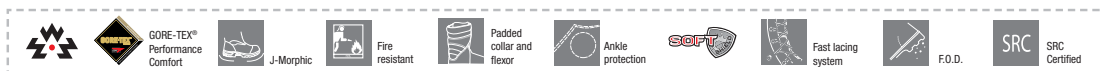
HEAT  
INSULATION  
**+30%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING  
STRENGTH  
**+90%**

HEEL ENERGY  
ABSORPTION  
**+100%**

- Wildfire and public order operator boot
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Lightweight and flexible wildfire boot, it offers excellent stability both for walking and running
- Highly breathable (breathability 400% higher than EN20345 5.4.6 standard requirement)
- Fast and easy lacing system
- Extremely comfortable for long-day usage
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 90% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil



**Product name:** EXPLORER II

**Article number:** 6011 GA

#### Upper leather

Full-grain cowhide leather, waterproofed, black, 2.4-2.6 mm thick

#### Top lining

Full-grain soft aniline leather, waterproofed, black, 1.0-1.1 mm thick

#### Rear flexor

Soft leather, padded with special foam to improve fitting comfort.

#### Lining

Seam sealed 4 ply laminate (GORE-TEX® DURACOM CAMBRELLE), bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100%PA

Layer 2 Functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable ePTFE membrane

Layer 4 Backing fabric knit 100% PA

#### Toe cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable, tested for compression resistance 500N

#### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

#### Sewing thread

Kevlar® Filament, permanent flame-retardant, water-repellent finish, black.

#### Lace hooks

New Jolly hooks made out of burnished steel.

#### Fixing hooks

ZAMA alloy totally rustproof, for the optimum lace fixing.

#### Jointed open hooks

ZAMA alloy totally rustproof. The joints make lacing easier and faster.

#### Laces

Meta-Aramid filament (Nomex®) round laces, black, water-repellent treated.

#### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the

best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

#### Insole

Average 5 mm thick insole made by a multilayer construction using special antiperforation nylon materials with a plastic reinforcement as stabilizer and completed with felt filler on the bottom.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

#### Sole

Nitrile rubber cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, with energy absorption in the heel area, slip-resistant SRC. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface.

Thanks to the double density of the rubber compound, the shock absorption and the slip resistance are considerably improved.

#### Weight/pair

abt 1960 g (size 42)

#### Back height

abt 24,5 cm (sole included) (size 42)

#### CE certificate

EN 15090:2006 F1PA HI<sub>3</sub> CI AN R SRC Category III P.P.E

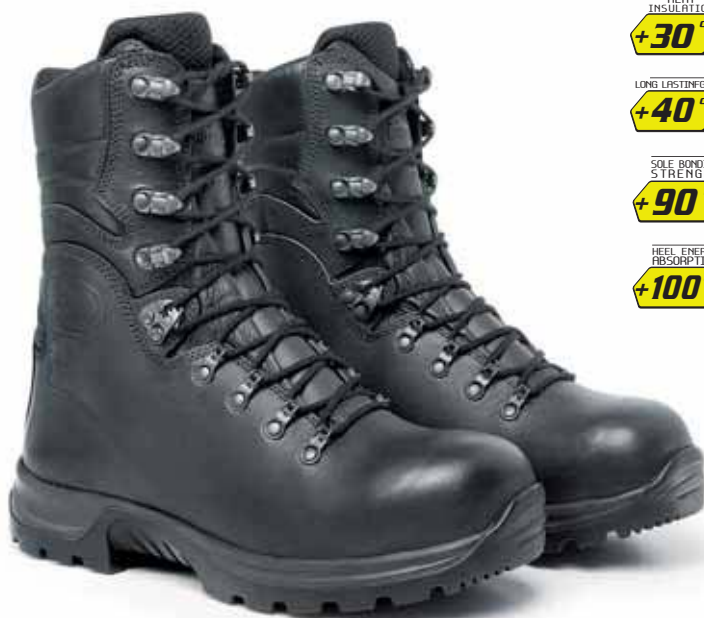
#### Size range

36 – 49 (50-51 supplied as specials)

# 6511/GA Safety II

## SEARCH & RESCUE OPERATORS AND FIRE FIGHTER VOLUNTEERS

- Also suitable for Military and Police.



LEATHER  
TRANSPARATION  
**+400%**

HEAT  
INSULATION  
**+30%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING  
STRENGTH  
**+90%**

HEEL ENERGY  
ABSORPTION  
**+100%**

- Fire-fighter boot suitable for urban anti-riot service
- Lightweight and comfortable
- Good stability both for walking and running
- Highly breathable (breathability 400% higher than EN20345 5.4.6 standard requirement)
- Ankle protection, and abrasion-resistant rubber overcap
- Extremely comfortable for long-day usage
- Fast and easy lacing system
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 90% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil



### Product name: SAFETY II

**Article number:** 6511 GA

#### Upper leather

Full-grain cowhide leather, waterproofed, black, 2.4-2.6 mm thick

#### Top lining

Full-grain soft aniline leather, waterproofed, black, 1.0-1.1 mm thick

#### Rear flexor

Soft leather, padded with special foam to improve fitting comfort.

#### Lining

Seam sealed 4 ply laminate (GORE-TEX® DURACOM CAMBRELLE), bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100%PA

Layer 2 Functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable ePTFE membrane

Layer 4 Backing fabric knit 100% PA

#### Toe cap

Very light aluminium toe cap (-40% compared to steel), asymmetric with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining; it can not be removed without damaging the whole boot.

A plastic soft padding on the upper edge of the cap protects the feet while flexing.

#### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

#### Sewing thread

Kevlar® Filament, permanent flame-retardant, water-repellent finish, black.

#### Lace hooks

New Jolly hooks made out of burnished steel.

#### Fixing hooks

ZAMA alloy totally rustproof, for the optimum lace fixing

#### Jointed open hooks

ZAMA alloy totally rustproof. The joints make lacing easier and faster.

#### Laces

Meta-Aramid filament (Nomex®) round laces, black, water-repellent treated.

### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

### Insole

Average 5 mm thick insole made by a multilayer construction using special antiperforation nylon materials with a plastic reinforcement as stabilizer and completed with felt filler on the bottom.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

### Sole

Nitrile rubber cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, with energy absorption in the heel area, slip-resistant SRC. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface.

Thanks to the double density of the rubber compound, the shock absorption and the slip resistance are considerably improved.

### Weight/pair

abt 2100 g (size 42)

### Back height

abt 24,5 cm (sole included) (size 42)

### CE certificate

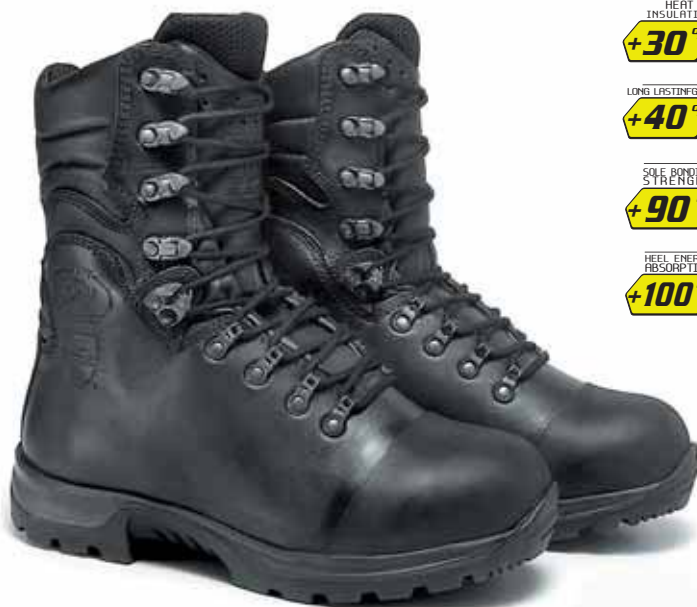
EN 15090:2006 F2A HI<sub>3</sub> CI AN SRC Category III P.P.E

### Size range

36 – 49 (50-51 supplied as specials)

NEW

## 6512/GA Forest Guard

SEARCH & RESCUE OPERATORS  
AND FIRE FIGHTER VOLUNTEERSLEATHER  
TRANSPIRATION  
+400%HEAT  
INSULATION  
+30%LONG LASTING SOLE  
+40%SOLE BONDING  
STRENGTH  
+90%HEEL ENERGY  
ABSORPTION  
+100%

- Wildfire boot
- CHAIN SAW CUT RESISTANT CLASS 1
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Lightweight and comfortable
- Maximum stability both for walking and running
- Highly breathable (breathability 400% higher than EN20345 5.4.6 standard requirement)
- Extremely comfortable for long-day usage
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 90% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil

GORE-TEX®  
Performance  
Comfort

J-Morphic

Fire  
resistantPadded  
collar and  
flexorAnkle  
protection

SOFT



ALU

Fast lacing  
system

F.O.D.

Chainsaw  
resistant  
Class 1SRC  
Certified**Product Name:** FOREST GUARD**Article number:** 6512 GA**Upper Leather**

Full-grain cowhide leather, waterproofed, black, 2.4-2.6 mm thick

**Top lining**

Full-grain soft leather, waterproofed, black, 1.0-1.1 mm thick

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® DURACOM CAMBRELE), bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100%PA

Layer 2 Functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 Backing fabric knit 100% PA

**Toe cap**

Very light aluminium toe cap (~40% compared to steel), asymmetric with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining, it can not be removed without damaging the whole boot.

A plastic soft padding on the upper edge of the cap protects the feet while flexing.

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Upper cap**

Abrasion-resistant flame-proof rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement.

**Chainsaw reinforcement**

Meta Aramid woven fabric (Kevlar), 2-layers, abt 1.4 mm thick

**Sewing thread**

Kevlar® Filament, permanent flame-retardant, water-repellent finish

**Lace hooks**

New Jolly hooks made out of burnished steel.

**Fixing hooks**

ZAMA alloy totally rustproof, for the optimum lace fixing.

**Jointed open hooks**

ZAMA alloy totally rustproof. The joints make lacing easier and faster.

**Laces**

Para Aramid Filament (Nomex®) round laces, 32 threads, fire-resistant and waterproof treated

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

**Insole**

Average 5 mm thick insole made by a multilayer construction using special antiperforation nylon materials with a plastic reinforcement as stabilizer and completed with felt filler on the bottom.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**

Nitrile rubber cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, with energy absorption in the heel area, slip-resistant SRC. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface.

Thanks to the double density of the rubber compound, the shock absorption and the slip resistance are considerably improved.

**Weight / pair**

abt 2380 g (size 42)

**Back height**

abt 24,5 cm (sole included) (size 42)

**CE certificate**EN 15090:2006 F2A HI<sub>3</sub>-CI-AN SRC EN ISO 17249:2004 Chainsaw Class 1 Category III PPE**Available sizes**

36 – 49 (50-51 available as specials)

NEW

## 6621/GA Rescuer Mid

SEARCH & RESCUE OPERATORS  
AND FIRE FIGHTER VOLUNTEERS

- Also suitable for workwear.

LEATHER  
TRANSPARATION  
+400%COLD  
INSULATION  
+30%LONG LASTING SOLE  
+10%SOLE BONDING  
STRENGTH  
+70%HEEL ENERGY  
ABSORPTION  
+30%

- Safety footwear suitable for workwear and first aid
- Highly breathable (breathability 400% higher than EN20345 5.4.6 standard requirement)
- METAL-FREE high visibility P.P.E.
- Reinforced by heat moulded material toecap, non-magnetic, 45% lighter than standard steel toecaps
- Durable and extremely comfortable for long-day usage thanks to the thick and soft PU midsole
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- 100% composite antiperforation insole, non magnetic and flexible (45% lighter than steel plate)
- Cold insulation is 30% higher than EN20345 6.2.3.2 standard requirement
- The outsole is 10% more durable than EN20345 5.8.3 standard requirement
- The sole bonding strength is 70% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 30% higher than EN20345 6.2.4 standard requirements
- Antistatic fuel oil resistant rubber outsole with composite antiperforation insole
- Slip resistant SRC sole, excellent grip on uneven grounds with good stability on various surfaces.

GORE-TEX®  
Performance  
ComfortPadded  
collarFast lacing  
system

SOFT



COMFO



High visibility



F.O.D.



Lightness

Metal free  
footwearSRC  
Certified**Product name:** RESCUER MID**Article number:** 6621 GA**Upper material**

Full-grain cowhide leather, waterproofed, black, 1.8-2.0 mm thick combined with inserts of Cordura® nylon, breathable and water-repellent treated.

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® LIGHT ROCK), bootie construction:  
Layer 1 warp knit 70%PA / 30% PES  
Layer 2 functional nonwoven 100% PES  
Layer 3 bicomponent membrane based on ePTFE  
Layer 4 backing fabric knit 100% PA

**Reflecting parts**

Grey Reflex outline

**Sewing thread**

Polyester 30/3, black, water-repellent treated.

**Toe cap**

Resinated synthetic bonded fabric, -45% compared to steel, resistant 200 Joule, comply with EN12568 and has a rubber overlay to prevent damage to the inner membrane and reduce pressure marks.

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Laces**

Round polyester laces, black, water-repellent treated.

**Fastening system**

2 couples of black nylon eyelets on top

5 couples of tape eyelets with plastic injected inside for an optimal sliding of laces.

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

**Insole**

Special antistatic felt, 2.5 mm thick.

**Antiperforation**

Abt 4 mm thick insole made out of special anti-perforation composite material, certified EN 12568 resistant to perforation min. 1100 Newton.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**

Bi-component sole composed by a shock-absorbent low density PU layer resistant to hydrolysis and rubber running surface, antistatic resistant to oil and petrol, contact heat at 300°C, with energy absorption in the heel area, slip-resistant. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface.

**Weight/pair**

abt 1490 g (size 42)

**Back height**

Back height (sole included) (size 42)

**CE certificate**

UNI EN ISO 20345:2008 S3 HRO WR CI – SRC Category II P.P.E.

**Size range**

36 - 48



NEW

## 6120/GA Berlin Mid

SEARCH & RESCUE OPERATORS  
AND FIRE FIGHTER VOLUNTEERS

• Also suitable for Military and Police.



6000/GA



- Safety footwear for civil protection and Police
- Highly breathable (breathability 500% higher than EN20347 5.4.6 standard requirement)
- Extremely versatile high quality comfortable shoe suitable for outdoor activities
- Metal free
- Lightweight and comfortable
- Good stability both for walking and running also on uneven grounds
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Extremely comfortable for long-day usage
- New last with larger ball girth
- Extremely light thanks to its new PU-rubber sole
- New rapid lacing system with extra resistant laces and plastic hooks
- Outsole resistant to fuel oil with antiperforation insole; bonding strength is 70% higher than EN20347 5.3.1.2 standard requirements; SRC slip resistance.

**Product name:** BERLIN MID**Article number:** 6120 GA**Leather upper**

Full-grain cowhide leather, waterproofed, black, 1.8-2.0 mm thick.

**Top lining**

Soft aniline leather, black, 1.0-1.1 mm thick, padded with foam to improve fitting comfort

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® Light Rock), foamed bootie construction:

Layer 1 warp knit 70%PA / 30% PES

Layer 2 functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 backing fabric knit 100% PA

**Toe cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Sewing thread**

Polyester thread, 30/3 title, water-repellent treated, black

**Rear loop**

Polyamide fabric moulded loop 15 mm wide

**Lacing system**

5 couples of polyamide fabric moulded loops 10 mm wide and 2 couples of nylon-6 hooks.

**Laces**

Round laces, black, water-repellent treated, minimum diameter 4 mm

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion nonwoven material 100% PA.

**Insole**

Abt 4 mm thick insole made out of special anti-perforation composite material. Textile antiperforation insoles, compared to the old style metal plates, offer

considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight

**Sole**Bi-component sole. Injected shock-absorbent PU with density lower than 0.50 g/cm<sup>3</sup> with an antistatic oil and petrol resistant 2.50mm thick rubber running surface, resistant to contact heat at 300°C, hydrolysis and non slip thanks to its 5.0 mm high self cleaning cleats. Highly wear resistant.**Weight/pair**

abt 1480 g (size 42)

**Back height**

abt 17 cm (sole included) (size 42)

**CE certificate**

EN ISO 20347:2004 / A1:2007 – O3 HRO WR FO CI – SRC Category II P.P.E

**Size range**

36 – 48



NEW

## 6100/GA Dragon Fly

SEARCH & RESCUE OPERATORS  
AND FIRE FIGHTER VOLUNTEERS

- Also suitable for Military and Police.



- Safety footwear for civil protection and Police
- Highly breathable (breathability 500% higher than EN20347 5.4.6 standard requirement)
- Extremely versatile high quality comfortable shoe suitable for outdoor activities
- Metal free
- Lightweight and comfortable
- Good stability both for walking and running also on uneven grounds
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Extremely comfortable for long-day usage
- New last with larger ball girth
- Extremely light thanks to its new PU-rubber sole
- New rapid lacing system with extra resistant laces and plastic eyelets
- Outsole resistant to fuel oil with antiperforation insole; bonding strength is 70% higher than EN20347 5.3.1.2 standard requirements; SRC slip resistance.

**Product name:** DRAGON FLY**Article number:** 6100 GA**Leather upper**

Full-grain cowhide leather, waterproofed, black, 1.4-1.6 mm thick

**Toe cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® Light Rock), foamed bootie construction:

Layer 1 warp knit 70%PA / 30% PES

Layer 2 functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 backing fabric knit 100% PA

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Sewing thread**

Polyester thread, 30/3 title, water-repellent treated, black

**Rear loop**

Polyamide fabric moulded loop 15 mm wide

**Lacing system**

4 couples of polyamide fabric moulded loops 10 mm wide and 1 couple of polymeric material eyelets

**Laces**

Round laces, black, water-repellent treated, minimum diameter 4 mm

**Insole**

Abt 4 mm thick insole made out of special anti-perforation composite material.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**Injected shock-absorbent PU with density lower than 0.50 g/cm<sup>3</sup> with an antistatic oil and petrol resistant 2.50mm thick rubber running surface, resistant to contact heat at 300°C, hydrolysis and non slip thanks to its 5.0 mm high self cleaning cleats.**Weight/pair**

abt 1220 g (size 42)

**Back height**

abt 13 cm (sole included) (size 42)

**CE certificate**

EN ISO 20347:2004 / A1:2007 – O3 HRO WR FO - SRC Category II P.P.E.

**Size range**

36 – 48

# 9015/A Fireleather

**SEARCH & RESCUE OPERATORS  
AND FIRE FIGHTER VOLUNTEERS**

- Also suitable for Fire.



LEATHER  
TRANSPIRATION  
**+600%**

HEAT  
INSULATION  
**+30%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING  
STRENGTH  
**+20%**

HEEL ENERGY  
ABSORPTION  
**+100%**

- High visibility PPE
- Lightweight and comfortable
- Good fit thanks to the elasticated band system which prevents the foot from slipping off the boot
- Good stability both for walking and running
- Rear leather pull-on loop
- Abrasion-resistant rubber overcap
- Extremely comfortable for long-day usage (breathability is 600% better than EN20345 5.4.6 standard requirement)
- High quality materials for a long lasting boot
- Good water-resistance
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 20% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil.



J-Morphic



Fire resistant



Padded collar



High visibility



SOFT



FIT



F.O.D.

**Product name:** FIRELEATHER

**Article number:** 9015 A

#### Upper leather

Full-grain cowhide leather, waterproofed, black 1.8 - 2.0 mm thick

#### Top collar

Soft aniline leather, black, 1.0-1.1 mm thick, padded with special foam to improve fitting comfort.

#### Lining

High breathable fabric Cambrelle® 100%PA

#### Reflecting insert

Reflex Scotchlite 3M material, grey.

#### Elastic insert

An elastic band is positioned in the instep area, permanently anchored to the insole, in order to hold the foot in the correct position. This fitting system prevents the foot from slipping off the boot.

#### Toe cap

Asymmetric steel toe cap with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining, it can not be removed without damaging the whole boot. A plastic soft padding on the upper edge of the cap protects the feet while flexing.

#### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable, glued to upper material.

#### Upper cap

Abrasion-resistant flame-proof rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement.

#### Sewing thread

Kevlar® Filament, permanent flame-retardant, water-repellent finish, black.

#### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

#### Insole

Average 5 mm thick insole made by a multilayer construction using special antiperforation composite materials with a plastic reinforcement as stabilizer and completed with a felt filler on the bottom. Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

#### Sole

Nitrile rubber non-slip cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, high wear-resistant. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface. The high energy absorption in the heel area is given by the rubber compound of the outsole and by the height and shape of its cleats. The height and shape of its inner net, with air cushion, improve both shock absorbing but also thermal properties.

#### Weight/pair

abt 2270 g (size 42)

#### Back height

abt 36 cm (sole included) (size 42)

#### CE Certificate

EN 15090:2006 F2A HI<sub>3</sub> CI AN - SRA Category III P.P.E.

#### Size range

36 - 49 (50-51 supplied as specials)

# 9052/A Specialguard

SEARCH & RESCUE OPERATORS  
AND FIRE FIGHTER VOLUNTEERS

- Also suitable for Fire.



LEATHER TRANSPORTATION  
**+600%**

HEAT INSULATION  
**+30%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING STRENGTH  
**+20%**

HEEL ENERGY ABSORPTION  
**+100%**

- High visibility PPE
- Lightweight and comfortable
- Good stability both for walking and running
- Abrasion-resistant rubber overcap
- Total opening zipper easy and fast to clean
- Padded rear flexors for an increased fitting comfort
- Rear leather pull-on loop
- High quality materials for a long lasting boot
- Extremely comfortable for long-day usage (breathability is 600% better than EN20345 5.4.6 standard requirement)
- Good water-resistance
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 20% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil.



## Product name: SPECIALGUARD

Article number: 9052 A

### Upper leather

Full-grain cowhide leather, waterproofed, black 1.8 - 2.0 mm thick

### Top lining

Soft full-grain leather, waterproofed, black, 1.0-1.1 mm. thick

### Lining

High breathable fabric Cambrelle® 100% PA

### Reflecting insert

Reflex Scotchlite 3M material, grey.

### Toe cap

Very light aluminium toe cap (~40% compared to steel), asymmetric with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining, it can not be removed without damaging the whole boot. A plastic soft padding on the upper edge of the cap protects the feet while flexing.

### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable, glued to upper material.

### Upper cap

Abrasion-resistant flame-proof rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement

### Zip-closure

New Jolly rapid off-system with total opening zipper: the zip closure is made with the same leather quality of the upper and completed with 10 couples of nickel-free eyelets, non rusting, with a 5 mm inside diameter. The metal slider is running on plastic teeth, which are protected by leather on the front part.

### Sewing thread

Kevlar® Filament, permanent flame-retardant, water-repellent finish, black.

### Eyelets

Burnished brass, non rusting, 5 mm inside diameter.

### Fixing hooks

Plastic hook with non-rusting metal pins, fixed with single rivet.

## Laces

Meta Aramid Filament (Nomex®) flat laces, 32 threads, fire-resistant treated.

## Lace-clip

At the ends of the lace are positioned 2 plastic clips with an inside spring system, to allow the optimum lace fixing.

## Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

## Insole

Average 5 mm thick insole made by a multilayer construction using special antiperforation composite materials with a plastic reinforcement as stabilizer and completed with a felt filler on the bottom. Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

## Sole

Nitrile rubber non-slip cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, high wear-resistant. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface. The high energy absorption in the heel area is given by the rubber compound of the outsole and by the height and shape of its cleats. The height and shape of its inner net, with air cushion, improve both shock absorbing but also thermal properties

## Weight/pair

abt. 2100 g (size 42)

## Back height

abt. 30 cm (sole included) (size 42)

## CE Certificate

EN 15090:2006 F2A HI<sub>3</sub> CI AN - SRA Category III P.P.E.

## Size range

36 - 49 (50-51 supplied as specials)

# 6020/GA Stealth

- Also suitable for Military and Police.

## SEARCH & RESCUE OPERATORS AND FIRE FIGHTER VOLUNTEERS



LEATHER  
TRANSPARATION  
**+500%**

HEAT  
INSULATION  
**+30%**

LONG LASTING SOLE  
**+10%**

SOLE BONDING  
STRENGTH  
**+80%**

HEEL ENERGY  
ABSORPTION  
**+75%**

- "All season" lightweight boot for civil protection and Police.
- Good stability both for walking and running
- Perfect and accurate lacing with eyelets
- Lining: GORE-TEX® Extended Comfort footwear, excellent for temperate and hot climate
- Extremely breathable (breathability 500% better than EN20347 5.4.6 standard requirement)
- Extremely comfortable for long-day usage
- Fast lacing system with zipper supplied separately
- The heat insulation is 30% higher than EN20347 6.2.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 10% more durable than EN20347 5.8.3 standard requirement)
- The sole bonding strength is 80% higher than EN20347 5.3.1.2 standard requirements
- The energy absorption in the heel area is 75% higher than EN20347 6.2.4 standard requirements
- Outsole resistant to fuel oil



### Product name: STEALTH

Article number: 6020 GA

### Upper material

Full-grain breathable cowhide leather, waterproofed, black, 1.8-2.0 mm thick combined with inserts of Cordura® nylon, water-repellent treated.

### Lining

Seam sealed 3-ply laminate (GORE-TEX® VISION 3LY) foamed bootie construction:

Layer 1: abrasion-proof lining 70%PA - 30%PES

Layer 2: waterproof and water vapour permeable ePFTF membrane

Layer 3: Backing fabric knit 100% PA

### Toe cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot, so to allow to preserve the foot anatomy and to increase the energy absorption on the heel.

### Insole

Abt 4 mm thick insole made out of special anti-perforation composite material. Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

### Sole

The sole construction is injected shock-absorbent PU with an antistatic oil and petrol resistant rubber running surface, resistant to contact heat at 300°C, with energy absorption in the heel area, slip-resistant. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface.

### Sewing thread

Polyester thread, 30/3 title, water-repellent treated, black

### Eyelets

Rustproof burnished iron with 5 mm diameter hole

### Laces

Round laces, black, water-repellent treated, minimum diameter 4 mm

### Accessories

The boot can be supplied with an additional zip-closure for rapid off-system (supplied separately). The zipper is made of same leather of upper with metal slider.

### Weight/pair

abt 1360 g (size 42)

### Back height

abt 22.5 cm (sole included) (size 42)

### CE certificate

EN ISO 20347:2004 – O3 HRO HI WR FO – SRB Category II P.P.E.

### Size range

36 – 47



NEW

## 2250/GA Chamoix

SEARCH & RESCUE OPERATORS  
AND FIRE FIGHTER VOLUNTEERS

- Also suitable for Workwear & Hunting.

LEATHER  
TRANSPARATION  
**+400%**HEAT  
INSULATION  
**+30%**SOLE BONDING  
STRENGTH  
**+20%**HEEL ENERGY  
ABSORPTION  
**+50%**

- Professional trekking footwear for first aid operators, territory surveillance activities and hunting.
- Extremely comfortable for long-day usage
- Extremely breathable (breathability 400% better than EN20347 5.4.6 standard requirement)
- The new combined stabilizing system in the heel assures an excellent grip on uneven and rocky grounds, thus also improving the energy absorption and granting more reactivity during walking
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Antiperforation composite insole
- Cover-band for protection against rocks and debris.
- The heat insulation is 30% higher than EN20347 6.2.3.1 standard requirements
- Excellent grip on wet surfaces thanks to Vibram Fourracon sole; the sole bonding strength is 20% higher than EN20347 5.3.1.2 standard requirements
- High absorption PU midsole (energy absorption in the heel area is 50% higher than EN20347 6.2.4 standard requirements)
- Antistatic and heat resistant 300° C outsole. Resistant to fuel oil

GORE-TEX®  
Performance  
ComfortFast lacing  
systemPadded  
collar and  
flexorPU RUBBER  
soleVIBRAM  
sole

F.O.D.



COSMAS

**Product name:** CHAMOIX**Article number:** 2250 GA**Leather upper**

Dark brown nubuck cowhide leather, 2.4 - 2.6 mm thick, waterproof, chrome-tanned and aniline dyed.

**Top lining**

Dark brown nubuck cowhide leather, 1.0-1.2 mm thick, water-repellent and breathable treated.

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® DURACOM CAMBRELLE), bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100% PA

Layer 2 Functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 Backing fabric knit 100% PA

**Toe cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Cover-band**

Abrasion and impact resistant flame-proof special rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement.

**Sewing thread**

Polyester 30/3, black, water-repellent treated

**Lacing system**

Round polyester laces, brown, water-repellent treated, passing through 5 couples of burnished eyelets, 1 couple of fixing hooks and three couples of open hooks on top. All hooks made of rustproof brass/steel.

**Foot-bed**

Anatomically shaped, 3,5 mm thick, made out of a layer of nonwoven material to absorb exceeding humidity, and with an upper covering made of black Cambrelle fabric.

**Insole**

Made out of antiperforation lightweight and durable HT composite fabric

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**

Bicomponent sole composed by a soft shock-absorbent PU wedge-heel and Vibram rubber running surface, self-cleaning, antistatic, resistant to oil and petrol, contact heat at 300°C, non slip with energy absorption insert in the heel area.

**Weight/pair**

abt 1760 g (size 43)

**Back height**

abt 18 cm (sole included) (size 43)

**CE certificate**

EN ISO 20347:2004 / A1:2007 O3 HI WR AN HRO FO - SRA Category II P.P.E.

**Size range**

38 - 48

# 840/GA Duty

- Also suitable for Workwear.

## SEARCH & RESCUE OPERATORS AND FIRE FIGHTER VOLUNTEERS



LEATHER  
TRANSPARATION  
**+180%**

COLD  
INSULATION  
**+60%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING  
STRENGTH  
**+40%**

HEEL ENERGY  
ABSORPTION  
**+110%**

- Safety footwear suitable for workwear and civil protection operators
- Durable and comfortable
- Good stability both for walking and running on all surfaces
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Waterproof and Breathable upper (breathability is 180% higher than EN20345 5.4.6 standard requirement)
- Extremely comfortable for long-day usage thanks to the soft PU midsole
- The cold insulation is 60% higher than EN20345 6.2.3.2 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement). Anatomically shaped runner surface which reduces the bonding of the outsole for a better walk and rolling of the foot.
- The sole bonding strength is 40% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 110% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil with metallic antiperforation plate



### Product name: DUTY

**Article number:** 840 GA

### Upper leather

Full-grain cowhide leather, waterproofed, black 1.8 - 2.0 mm thick

### Lining

Seam sealed 4 ply laminate (GORE-TEX® DURACOM MS SPORTIVE), foamed bootie construction:

Layer 1 warp knit 72%PA / 28% PES

Layer 2 functional non-woven 100% PES

Layer 3 bi-component membrane based on ePTFE

Layer 4 backing fabric knit 100% PA

### Toe cap

The steel toe cap 200J conforms to EN 12568 and has a rubber change overlay to prevent damage to the inner membrane and reduce pressure marks to the inner system

### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable

### Steel plate

It conforms to EN 12568 and is directly injected into the sole, to guarantee the penetration resistance of minimum 1100 Newton.

### Sewing thread

Polyester thread, 30/3 title, water-repellent treated, black

### Lace hooks

Rustproof burnished metal hooks, fixed with one rivet

### Jointed open hooks

Plastic hooks; the joints make lacing easier and faster.

### Laces

Round black lace, water-repellent treated

### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

### Insole

Special antistatic felt 2.5 mm thick

### Sole

The injected sole is made out of special antistatic double-density polyurethane, non-slip, oil and petrol resistant, with energy absorption in the heel area.

### Weight / pair

abt. 1560 g (size 42)

### Back height

abt 16 cm (sole included) (size 42)

### CE Certificate

EN ISO 20345 :2004 S3 WR CI Category II P.P.E.

### Size range

36 – 49

# Police & Military line



# 6508/GA Blackstorm

MILITARY &amp; POLICE



LEATHER TRANSPARATION  
+300%

HEAT INSULATION  
+30%

LONG LASTING SOLE  
+40%

SOLE BONDING STRENGTH  
+90%

HEEL ENERGY ABSORPTION  
+100%

- Anti riot blunt resistant and anti-ballistic features
- Good stability for operative needs
- Extremely breathable (breathability 300% higher than EN20345 5.4.6 standard requirement)
- Extremely comfortable for long-day usage
- Fast lacing system with easy roller eyelets
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- The heat insulation is 30% higher than EN20345 6.2.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 90% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil



GORE-TEX®  
Performance  
Comfort



J-Morphic



Fire  
resistant



Padded  
collar and  
flexor



Ankle  
protection



SOFT



ALU



Fast lacing  
system



F.O.D.



100%  
Kevlar®



SRC  
Certified

**Product name:** BLACKSTORM

**Article number:** 6508 GA

## Upper

Full-grain cowhide leather, waterproofed, black, 2.4- 2.6 mm and Meta-aramid (KEVLAR® Kleen) lined with Nomex® felt 4 mm thick, water-repellent treated.

## Top lining

Soft aniline leather, waterproofed, black, 1.0-1.1 mm thick

## Lining

Seam sealed 4 ply laminate (GORE-TEX® DURACOM CAMBRELLE), bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100%PA

Layer 2 Functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable ePTFE membrane

Layer 4 Backing fabric knit 100% PA

## Toe cap

Very light aluminium toe cap (-40% compared to steel), asymmetric with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining; it can not be removed without damaging the whole boot.

A plastic soft padding on the upper edge of the cap protects the feet while flexing.

## Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

## Sewing thread

Kevlar® Filament, permanent flame-retardant, water-repellent finish, black.

## Lace hooks

Burnished brass, non rusting, art. Easy Roller

## Fixing hooks

Plastic hooks with non-rusting metal pins, for the optimum lace fixing.

## Jointed open hooks

ZAMA alloy totally rustproof. The joints make lacing easier and faster.

## Laces

Meta-Aramid filament (Nomex®) round laces, black, water-repellent treated.

## Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

## Insole

Average 5 mm thick insole made by a multilayer construction using special antiperforation nylon materials with a plastic reinforcement as stabilizer and completed with felt filler on the bottom.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

## Sole

Nitrile rubber cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, with energy absorption in the heel area, slip-resistant SRC. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface.

Thanks to the double density of the rubber compound, the shock absorption and the slip resistance are considerably improved.

## Weight/pair

abt 1960 g (size 42)

## Back height

abt 23 cm (sole included) (size 42)

## CE certificate

EN ISO 20345:2004 S3 HRO HI CI WR CR Category III P.P.E

## Size range

36 – 49 (50-51 supplied as specials)



# 6011/GA Explorer II

## MILITARY & POLICE

- Also suitable for Search & Rescue operators and fire fighter volunteers.



LEATHER  
TRANSPARATION  
**+400%**

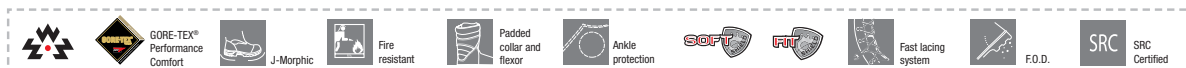
HEAT  
INSULATION  
**+30%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING  
STRENGTH  
**+90%**

HEEL ENERGY  
ABSORPTION  
**+100%**

- Wildfire and public order operator boot
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Lightweight and flexible wildfire boot, it offers excellent stability both for walking and running
- Highly breathable (breathability 400% higher than EN20345 5.4.6 standard requirement)
- Fast and easy lacing system
- Extremely comfortable for long-day usage
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 90% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil



### Product name: EXPLORER II

Article number: 6011 GA

### Upper leather

Full-grain cowhide leather, waterproofed, black, 2.4-2.6 mm thick

### Top lining

Full-grain soft aniline leather, waterproofed, black, 1.0-1.1 mm thick

### Rear flexor

Soft leather, padded with special foam to improve fitting comfort.

### Lining

Seam sealed 4 ply laminate (GORE-TEX® DURACOM CAMBRELLE), bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100%PA

Layer 2 Functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable ePTFE membrane

Layer 4 Backing fabric knit 100% PA

### Toe cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable, tested for compression resistance 500N

### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

### Sewing thread

Kevlar® Filament, permanent flame-retardant, water-repellent finish, black.

### Lace hooks

New Jolly hooks made out of burnished steel.

### Fixing hooks

ZAMA alloy totally rustproof, for the optimum lace fixing.

### Jointed open hooks

ZAMA alloy totally rustproof. The joints make lacing easier and faster.

### Laces

Meta-Aramid filament (Nomex®) round laces, black, water-repellent treated.

### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the

best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

### Insole

Average 5 mm thick insole made by a multilayer construction using special antiperforation nylon materials with a plastic reinforcement as stabilizer and completed with felt filler on the bottom.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

### Sole

Nitrile rubber cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, with energy absorption in the heel area, slip-resistant SRC. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface.

Thanks to the double density of the rubber compound, the shock absorption and the slip resistance are considerably improved.

### Weight/pair

abt 1960 g (size 42)

### Back height

abt 24,5 cm (sole included) (size 42)

### CE certificate

EN 15090 :2006 F1PA HI<sub>3</sub> CI AN R SRC Category III P.P.E

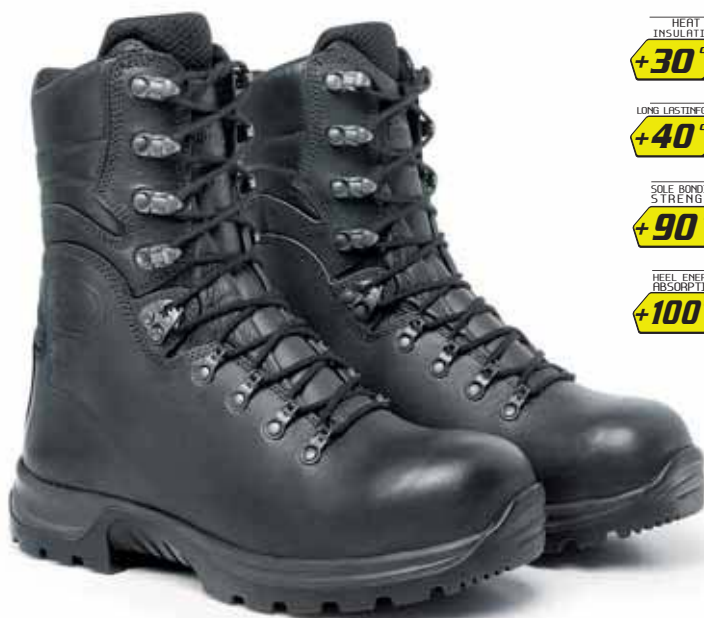
### Size range

36 - 49 (50-51 supplied as specials)

# 6511/GA Safety II

MILITARY &amp; POLICE

- Also suitable for Search & Rescue operators and fire fighter volunteers.



LEATHER TRANSPARATION  
**+400%**

HEAT INSULATION  
**+30%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING STRENGTH  
**+90%**

HEEL ENERGY ABSORPTION  
**+100%**

- Fire-fighter boot suitable for urban anti-riot service
- Lightweight and comfortable
- Good stability both for walking and running
- Highly breathable (breathability 400% higher than EN20345 5.4.6 standard requirement)
- Ankle protection, and abrasion-resistant rubber overcap
- Extremely comfortable for long-day usage
- Fast and easy lacing system
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 90% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil



## Product name: SAFETY II

Article number: 6511 GA

### Upper leather

Full-grain cowhide leather, waterproofed, black, 2.4-2.6 mm thick

### Top lining

Full-grain soft aniline leather, waterproofed, black, 1.0-1.1 mm thick

### Rear flexor

Soft leather, padded with special foam to improve fitting comfort.

### Lining

Seam sealed 4 ply laminate (GORE-TEX® DURACOM CAMBRELLE), bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100% PA

Layer 2 Functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable ePTFE membrane

Layer 4 Backing fabric knit 100% PA

### Toe cap

Very light aluminium toe cap (-40% compared to steel), asymmetric with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining; it can not be removed without damaging the whole boot.

A plastic soft padding on the upper edge of the cap protects the feet while flexing.

### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

### Sewing thread

Kevlar® Filament, permanent flame-retardant, water-repellent finish, black.

### Lace hooks

New Jolly hooks made out of burnished steel.

### Fixing hooks

ZAMA alloy totally rustproof, for the optimum lace fixing

### Jointed open hooks

ZAMA alloy totally rustproof. The joints make lacing easier and faster.

### Laces

Meta-Aramid filament (Nomex®) round laces, black, water-repellent treated.

## Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

## Insole

Average 5 mm thick insole made by a multilayer construction using special antiperforation nylon materials with a plastic reinforcement as stabilizer and completed with felt filler on the bottom.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

## Sole

Nitrile rubber cemented sole, heat resistant at 300° C, antistatic, oil and petrol resistant, with energy absorption in the heel area, slip-resistant SRC. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface.

Thanks to the double density of the rubber compound, the shock absorption and the slip resistance are considerably improved.

## Weight/pair

abt 2100 g (size 42)

## Back height

abt 24,5 cm (sole included) (size 42)

## CE certificate

EN 15090 :2006 F2A H<sub>3</sub> CI AN SRC Category III P.P.E

## Size range

36 – 49 (50-51 supplied as specials)

NEW

## 6060/GA Laser II

## MILITARY &amp; POLICE



6090/GA

LEATHER  
TRANSPARATION  
**+400%**

HEAT  
INSULATION  
**+40%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING  
STRENGTH  
**+70%**

HEEL ENERGY  
ABSORPTION  
**+90%**



- Lightweight and comfortable boot for Police
- Lining: GORE-TEX® Extended Comfort footwear, excellent for temperate and hot climate
- Good stability both for walking and running
- Highly breathable (breathability 400% higher than EN20347 5.4.6 standard requirement)
- Extremely comfortable for long-day usage
- Ankle protection
- Rear flexor to improve fitting comfort
- The heat insulation is 40% higher than EN20347 6.2.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20347 5.8.3 standard requirement)
- The sole bonding strength is 70% higher than EN20347 5.3.1.2 standard requirements
- The energy absorption in the heel area is 90% higher than EN20347 6.2.4 standard requirements
- Outsole resistant to fuel oil



GORE-TEX®  
Extended  
Comfort



Padded  
collar and  
flexor



Ankle  
protection



Fast lacing  
system



SOFT



Lightness



PU/RUBBER  
sole

**Product name:** LASER II**Article number:** 6060 GA**Upper leather**

Full-grain cowhide leather, waterproofed, black, 1.8-2.0 mm thick.

**Rear flexor**

Soft leather, black, padded with special foam to improve fitting comfort.

**Top lining**

Calf leather, waterproofed, black, 1.0-1.1 mm thick

**Lining**

Seam sealed 3-ply laminate (GORE-TEX® VISION 3LY) bootie construction:

Layer 1: abrasion-proof lining 70% PA / 30% PES

Layer 2: waterproof and water vapour permeable ePTE membrane

Layer 3: Backing fabric knit 100% PA

**Toe cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Ankle protection**

Heat moulded synthetic material

**Sewing thread**

Polyester 30/3, black, water-repellent treated

**Lace hooks**

New Jolly hooks made out of burnished rustproof steel.

**Fixing hooks**

Plastic hook with rustproof metal pins, for the optimum lace fixing.

**Jointed open hooks**

ZAMA alloy totally rustproof. The joints make lacing easier and faster.

**Laces**

Round polyester laces, black, water-repellent treated.

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the

best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

**Insole**

Abt 4 mm thick insole made out of special anti-perforation composite material. Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**

The sole construction is injected shock-absorbent PU with an antistatic oil and petrol resistant rubber running surface, resistant to contact heat at 300°C, with energy absorption in the heel area, slip-resistant. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface.

**Weight/pair**

abt 1600 g (size 42)

**Back height**

abt cm.20 (sole included) (size 42)

**CE certificate**

EN ISO 20347:2004 O3 HI HRO WR FO AN - SRB Category II P.P.E.

**Size range**

36 - 47

NEW

## 6120/GA Berlin Mid

MILITARY &amp; POLICE

- Also suitable for Search & Rescue operators and fire fighter volunteers.



6000/GA



- Safety footwear for civil protection and Police
- Highly breathable (breathability 500% higher than EN20347 5.4.6 standard requirement)
- Extremely versatile high quality comfortable shoe suitable for outdoor activities
- Metal free
- Lightweight and comfortable
- Good stability both for walking and running also on uneven grounds
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Extremely comfortable for long-day usage
- New last with larger ball girth
- Extremely light thanks to its new PU-rubber sole
- New rapid lacing system with extra resistant laces and plastic hooks
- Outsole resistant to fuel oil with antiperforation insole; bonding strength is 70% higher than EN20347 5.3.1.2 standard requirements; SRC slip resistance.

GORE-TEX®  
Performance  
Comfort

Padded collar

**Product name:** BERLIN MID**Article number:** 6120 GA**Leather upper**

Full-grain cowhide leather, waterproofed, black, 1.8-2.0 mm thick.

**Top lining**

Soft aniline leather, black, 1.0-1.1 mm thick, padded with foam to improve fitting comfort

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® Light Rock), foamed bootie construction:

Layer 1 warp knit 70%PA / 30% PES

Layer 2 functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 backing fabric knit 100% PA

**Toe cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Sewing thread**

Polyester thread, 30/3 title, water-repellent treated, black

**Rear loop**

Polyamide fabric moulded loop 15 mm wide

**Lacing system**

5 couples of polyamide fabric moulded loops 10 mm wide and 2 couples of nylon-6 hooks.

**Laces**

Round laces, black, water-repellent treated, minimum diameter 4 mm

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion nonwoven material 100% PA.

**Insole**

Abt 4 mm thick insole made out of special anti-perforation composite material.

Textile antiperforation insoles, compared to the old style metal plates, offer

considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight

**Sole**

Bi-component sole. Injected shock-absorbent PU with density lower than 0.50 g/cm3 with an antistatic oil and petrol resistant 2.50mm thick rubber running surface, resistant to contact heat at 300°C, hydrolysis and non slip thanks to its 5.0 mm high self cleaning cleats. Highly wear resistant.

**Weight/pair**

abt 1480 g (size 42)

**Back height**

abt 18 cm (sole included) (size 42)

**CE certificate**

EN ISO 20347:2004 / A1:2007 – O3 HRO WR FO CI – SRC Category II P.P.E

**Size range**

36 – 48



NEW

## 6100/GA Dragon Fly

MILITARY &amp; POLICE

- Also suitable for Search & Rescue operators and fire fighter volunteers.



- Safety footwear for civil protection and Police
- Highly breathable (breathability 500% higher than EN20347 5.4.6 standard requirement)
- Extremely versatile high quality comfortable shoe suitable for outdoor activities
- Metal free
- Lightweight and comfortable
- Good stability both for walking and running also on uneven grounds
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Extremely comfortable for long-day usage
- New last with larger ball girth
- Extremely light thanks to its new PU-rubber sole
- New rapid lacing system with extra resistant laces and plastic eyelets
- Outsole resistant to fuel oil with antiperforation insole; bonding strength is 70% higher than EN20347 5.3.1.2 standard requirements; SRC slip resistance.

**Product name:** DRAGON FLY**Article number:** 6100 GA**Leather upper**

Full-grain cowhide leather, waterproofed, black, 1.4-1.6 mm thick

**Toe cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® Light Rock), foamed bootie construction:

Layer 1 warp knit 70%PA / 30% PES

Layer 2 functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 backing fabric knit 100% PA

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Sewing thread**

Polyester thread, 30/3 title, water-repellent treated, black

**Rear loop**

Polyamide fabric moulded loop 15 mm wide

**Lacing system**

4 couples of polyamide fabric moulded loops 10 mm wide and 1 couple of polymeric material eyelets

**Laces**

Round laces, black, water-repellent treated, minimum diameter 4 mm

**Insole**

Abt 4 mm thick insole made out of special anti-perforation composite material.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**Injected shock-absorbent PU with density lower than 0.50 g/cm<sup>3</sup> with an antistatic oil and petrol resistant 2.50mm thick rubber running surface, resistant to contact heat at 300°C, hydrolysis and non slip thanks to its 5.0 mm high self cleaning cleats.**Weight/pair**

abt 1220 g (size 42)

**Back height**

abt 13 cm (sole included) (size 42)

**CE certificate**

EN ISO 20347:2004 / A1:2007 - O3 HRO WR FO - SRC Category II P.P.E.

**Size range**

36 - 48

# 4020/A J-Twin Mid

MILITARY &amp; POLICE



LEATHER  
TRANSPARATION  
**+600%**

HEAT  
INSULATION  
**+40%**

SOLE BONDING  
STRENGTH  
**+70%**

HEEL ENERGY  
ABSORPTION  
**+30%**

- Extremely lightweight and comfortable summer footwear for Police
- Highly breathable (breathability 600% higher than EN20347 5.4.6 standard requirement)
- Extremely comfortable for long-day usage
- Good stability both for walking and running
- Excellent grip on uneven grounds
- Dual-purpose footwear with or without GORE-TEX® Performance Comfort footwear lining, excellent for various climate conditions and for outdoor activities.
- The heat insulation is 40% higher than EN20347 6.2.3.1 standard requirements
- The sole bonding strength is 70% higher than EN20347 5.3.1.2 standard requirements
- The energy absorption in the heel area is 30% higher than EN20347 6.2.4 standard requirements
- Antistatic outsole resistant to fuel oil

J-TWIN footwear introduces an innovative idea, the removable GORE-TEX® lining, which makes two shoes in one. J-TWIN footwear is therefore a good choice for a wide range of activities, for example civil protection, police, security services, hiking.



Padded collar



Fast lacing system



PU/RUBBER sole



Lightness



F.O.D.

**Product name:** J-TWIN MID

**Article number:** 4020 A

#### Leather upper

Full-grain cowhide leather, waterproofed, black, 1.8-2.0 mm thick combined with breathable inserts of Cordura® nylon, water-repellent treated

#### Top collar

Suede imitation leather 0.8 mm.

#### Lining

Openwork black fabric PES

#### Interchangeable bootie

Seam sealed 4-ply laminate (GORE-TEX® LIGHT ROCK) bootie construction:

Layer 1 warp knit 70%PA / 30% PES

Layer 2 functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 Backing fabric knit 100% PA

The bootie includes an antistatic insert and a reinforced bottom: the upper collar is trimmed with an elastic band that wraps the instep and is fitted up with a back loop to help to put on or slip off the bootie.

#### Toe cap

1.8 mm PU+resinated synthetic bonded fabric, thermally mouldable.

#### Heel cap

1.8 mm PU+resinated synthetic bonded fabric, thermally mouldable.

#### Sewing thread

Polyester 30/3, black, water-repellent treated

#### Eyelets

6 couples of polymeric material eyelets.

#### Laces

Round laces, black, water-repellent treated

#### Foot-bed

Anatomically shaped, 3,5 mm thick, made out of a layer of nonwoven material to absorb exceeding humidity, and with an upper covering made of anti abrasion

nonwoven 100% PA .

#### Insole

Polymeric material covered with felt on top.

#### Sole

Bi-component composed by low density highly shock-absorbent PU and antistatic rubber running surface resistant to oil and petrol, contact heat at 300°C, non slip.

#### Weight/pair

abt 1160 g (size 42)

#### Back height

abt 14,6 cm (sole included) (size 42)

#### CE certificate

EN ISO 20347:2004 O2 HI HRO WR FO AN - SRB Category II P.P.E.

#### Size range

36 – 49

# 4030/A J-Twin High

MILITARY &amp; POLICE



LEATHER TRANSPARATION  
+600%

HEAT INSULATION  
+40%

SOLE BONDING STRENGTH  
+70%

HEEL ENERGY ABSORPTION  
+30%

- Extremely lightweight and comfortable summer footwear for Police and Civil Protection
- Highly breathable (breathability 600% higher than EN20347 5.4.6 standard requirement)
- Extremely comfortable for long-day usage
- Good stability both for walking and running
- Excellent grip on uneven grounds
- Dual-purpose footwear with or without GORE-TEX® Performance Comfort footwear lining, excellent for various climate conditions and for outdoor activities.
- The heat insulation is 40% higher than EN20347 6.2.3.1 standard requirements
- The sole bonding strength is 70% higher than EN20347 5.3.1.2 standard requirements
- The energy absorption in the heel area is 30% higher than EN20347 6.2.4 standard requirements
- Antistatic outsole resistant to fuel oil

J-TWIN footwear introduces an innovative idea, the removable GORE-TEX® lining, which makes two shoes in one. J-TWIN footwear is therefore a good choice for a wide range of activities, for example civil protection, police, security services, hiking.



Bootie 1CA30



**Product name:** J-TWIN HIGH

**Article number:** 4030 A

#### Leather upper

Full-grain cowhide leather, waterproofed, black, 1.8-2.0 mm thick combined with inserts of breathable Cordura® nylon, water-repellent treated

#### Top collar

Suede imitation leather 0.8 mm.

#### Lining

Openwork black fabric PES

#### Interchangeable bootie

Seam sealed 4-ply laminate (GORE-TEX® LIGHT ROCK) bootie construction:

Layer 1 warp knit 70%PA / 30% PES

Layer 2 functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 Backing fabric knit 100% PA

The bootie includes an antistatic insert and a reinforced bottom: the upper collar is trimmed with an elastic band that wraps the instep and is fitted up with a back loop to help to put on or slip off the bootie.

#### Toe cap

1.8 mm PU+resinated synthetic bonded fabric, thermally mouldable.

#### Heel cap

1.8 mm PU+resinated synthetic bonded fabric, thermally mouldable.

#### Sewing thread

Polyester 30/3, black, water-repellent treated

#### Lace hooks

polymeric material

#### Fixing hooks

Plastic hook with non-rusting metal pins, for the optimum lace fixing.

#### Laces

Round laces, black, water-repellent treated.

#### Foot-bed

Anatomically shaped, 3,5 mm thick, made out of a layer of nonwoven material to absorb exceeding humidity, and with an upper covering made of anti abrasion nonwoven 100% PA.

#### Insole

Polymeric material covered with felt on top.

#### Sole

Bi-component composed by low density highly shock-absorbent PU and antistatic rubber running surface resistant to oil and petrol, contact heat at 300°C, non slip.

#### Weight/pair

abt 1420 g (size 42)

#### Back height

abt 22,5 cm (sole included) (size 42)

#### CE certificate

EN ISO 20347:2004 O2 HI HRO WR CI FO AN - SRB Category II P.P.E.

#### Size range

36 - 49

# 6020/GA Stealth

## MILITARY & POLICE

- Also suitable for Search & Rescue operators and fire fighter volunteers.



LEATHER  
TRANSPARATION  
**+500%**

HEAT  
INSULATION  
**+30%**

LONG LASTING SOLE  
**+10%**

SOLE BONDING  
STRENGTH  
**+80%**

HEEL ENERGY  
ABSORPTION  
**+75%**

- "All season" lightweight boot for civil protection and Police.
- Good stability both for walking and running
- Perfect and accurate lacing with eyelets
- Lining: GORE-TEX® Extended Comfort footwear, excellent for temperate and hot climate
- Extremely breathable (breathability 500% better than EN20347 5.4.6 standard requirement)
- Extremely comfortable for long-day usage
- Fast lacing system with zipper supplied separately
- The heat insulation is 30% higher than EN20347 6.2.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 10% more durable than EN20347 5.8.3 standard requirement)
- The sole bonding strength is 80% higher than EN20347 5.3.1.2 standard requirements
- The energy absorption in the heel area is 75% higher than EN20347 6.2.4 standard requirements
- Outsole resistant to fuel oil



GORE-TEX®  
Extended  
Comfort



Zip closure



Padded  
collar



PU/RUBBER  
sole



Lightness

**Product name:** STEALTH

**Article number:** 6020 GA

**Upper material**

Full-grain breathable cowhide leather, waterproofed, black, 1.8-2.0 mm thick combined with inserts of Cordura® nylon, water-repellent treated.

**Lining**

Seam sealed 3-ply laminate (GORE-TEX® VISION 3LY) foamed bootie construction:

Layer 1: abrasion-proof lining 70%PA - 30%PES

Layer 2: waterproof and water vapour permeable ePTE membrane

Layer 3: Backing fabric knit 100% PA

**Toe cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot, so to allow to preserve the foot anatomy and to increase the energy absorption on the heel.

**Insole**

Abt 4 mm thick insole made out of special anti-perforation composite material. Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**

The sole construction is injected shock-absorbent PU with an antistatic oil and petrol resistant rubber running surface, resistant to contact heat at 300°C, with energy absorption in the heel area, slip-resistant. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface.

**Sewing thread**

Polyester thread, 30/3 title, water-repellent treated, black

**Eyelets**

Rustproof burnished iron with 5 mm diameter hole

**Laces**

Round laces, black, water-repellent treated, minimum diameter 4 mm

**Accessories**

The boot can be supplied with an additional zip-closure for rapid off-system (supplied separately). The zipper is made of same leather of upper with metal slider.

**Weight/pair**

abt 1360 g (size 42)

**Back height**

abt 22.5 cm (sole included) (size 42)

**CE certificate**

EN ISO 20347:2004 – O3 HRO HI WR FO – SRB Category II P.P.E.

**Size range**

36 – 47

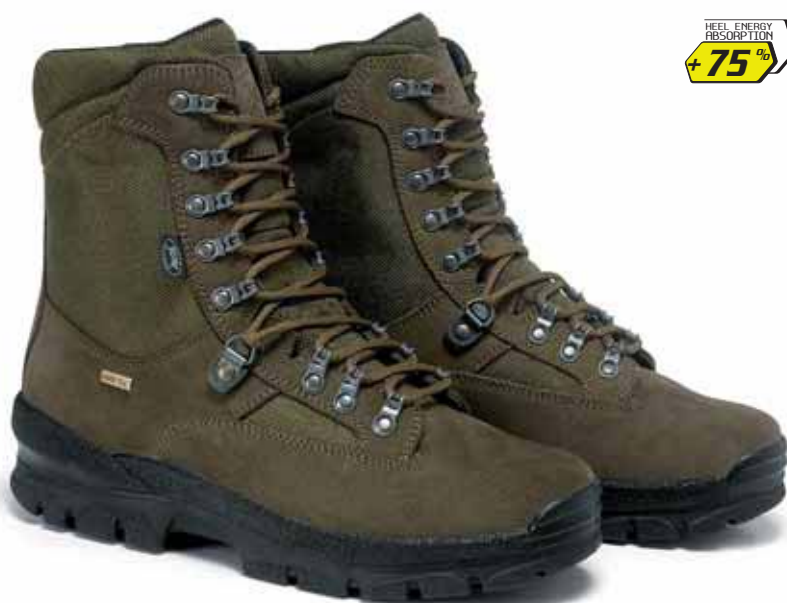


NEW

## 6028/GA Kaira

## MILITARY &amp; POLICE

- Also suitable for hunting

LONG LASTING SOLE  
+10%SOLE BONDING  
STRENGTH  
+80%HEEL ENERGY  
ABSORPTION  
+75%

- "All season" lightweight boot for territory surveillance activity and hunting
- Good stability both for walking and running
- Perfect and accurate lacing with eyelets
- Lining: GORE-TEX® Extended Comfort footwear, excellent for temperate and hot climate
- Extremely breathable and comfortable for long-day usage
- Innovative laminate composite antiperforation insole
- Excellent grip on uneven grounds (the outsole is 10% more durable than EN20347 5.8.3 standard requirement)
- The sole bonding strength is 80% higher than EN20347 5.3.1.2 standard requirements
- The energy absorption in the heel area is 75% higher than EN20347 6.2.4 standard requirements
- Outsole resistant to fuel oil

GORE-TEX®  
Extended  
Comfort

Padded collar

PU/RUBBER  
sole

Lightness

**Product name:** KAIRA**Article number:** 6028 GA**Upper material**

Split-suede leather, waterproofed, green, 1.8-2.0 mm thick combined with inserts of Cordura® nylon, breathable and water-repellent treated

**Lining**

Seam sealed 3-ply laminate (GORE-TEX® VISION 3LY) foamed bootie construction:

Layer 1: abrasion-proof lining 70%PA-30%PES

Layer 2: waterproof and water vapour permeable ePFTE membrane

Layer 3: Backing fabric knit 100%PA

**Toe cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Sewing thread**

Polyester thread, 30/3 title, water-repellent treated, green

**Lace hooks**

New Jolly hooks made out of burnished steel.

**Fixing hooks**

Plastic hook with non-rusting metal pins, for the optimum lace fixing

**Laces**

Round laces, green, water-repellent treated, minimum diameter 4 mm

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE) and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot, so to allow to preserve the foot anatomy and to increase the energy absorption on the heel.

**Insole**

Abt 4 mm thick insole made out of special anti-perforation composite material. Textile antiperforation insoles, compared to the old style metal plates, offer

considerable ergonomics and safety advantages: wider protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**

The sole construction is injected shock-absorbent PU with an antistatic oil and petrol resistant rubber running surface, resistant to contact heat at 300°C, with energy absorption in the heel area, slip-resistant. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface.

**Weight/pair**

abt 1440 g (size 42)

**Altezza posteriore**

abt 22,5 cm (sole included) (size 42)

**CE certificate**

This style has no CE but it is equivalent to EN ISO 20347:2004 – O3 HRO HI WR FO SRB

**Size range**

36 – 47

# 2000/G Legend Mid

MILITARY &amp; POLICE



LEATHER  
TRANSPARATION  
**+310%**

LONG LASTING SOLE  
**+20%**

SOLE BONDING  
STRENGTH  
**+85%**

HEEL ENERGY  
ABSORPTION  
**+80%**

- Police footwear
- Lightweight and comfortable
- Good stability both for walking and running
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Highly breathable (breathability is 310% higher than EN20347 5.4.6 standard requirement)
- Extremely comfortable for long-day usage
- Nitrile rubber sole with excellent grip on uneven grounds (the outsole is 20% more durable than EN20347 5.8.3 standard requirement)
- The sole bonding strength is 85% higher than EN20347 5.3.1.2 standard requirements
- The energy absorption in the heel area is 80% higher than EN20347 6.2.4 standard requirements
- Antistatic outsole resistant to fuel oil. Cleated tread



GORE-TEX®  
Performance  
Comfort



Padded collar



SRC  
SRC  
Certified

**Product name:** LEGEND MID

**Article number:** 2000 G

#### Leather upper

Black full-grain cowhide leather, 1.6-1.8 mm thick, water-repellent, breathable treated, chrome-tanned and aniline dyed

#### Top lining

Soft black full-grain leather, 1.1-1.2 mm thick, water-repellent, breathable treated, chrome-tanned and aniline dyed

#### Lining

Seam sealed 4 ply laminate (GORE-TEX® DURACOM MS SPORTIVE), bootie construction:

Layer 1 warp knit 72%PA / 28% PES

Layer 2 functional non-woven 100% PES

Layer 3 bicomponent membrane based on ePTFE

Layer 4 backing fabric knit 100% PA

#### Toe cap

1.3 mm resinated synthetic bonded fabric, thermally mouldable.

#### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

#### Sewing thread

Polyester 30/3, black, water-repellent treated

#### Lacing system

Round polyester laces, black, water-repellent treated, passing through 5 couples of rustproof burnished eyelets

#### Foot-bed

Anatomically shaped, 3,5 mm thick, made out of a layer of nonwoven material to absorb exceeding humidity, and with an upper covering made of anti abrasion nonwoven 100% PA.

#### Insole

Antistatic cellulose fibre, elastomeric bonded, 2.5 mm thick. In the heel area is positioned a polymeric material shank hold by a plastic reinforcement extending for 75% of the bottom surface.

#### Sole

Rubber sole, antistatic, oil and petrol resistant, with shock-absorbent heel. Resistant to contact heat (tested at 300°C) and non slip SRC.

#### Weight/pair

abt 1170 g (size 42)

#### Back height

abt 15 cm (sole included) (size 42)

#### CE certificate

EN ISO 20347:2004 O2 CI HRO HI WR FO - SRC Category II P.P.E.

#### Size range

36 - 49

# 2001/GA Blade Mid

## MILITARY & POLICE



LEATHER  
TRANSPARATION  
**+600%**

HEAT  
INSULATION  
**+10%**

SOLE BONDING  
STRENGTH  
**+70%**

HEEL ENERGY  
ABSORPTION  
**+35%**

- Lightweight and comfortable police shoe.
- Metal-free
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Good stability both for walking and running
- Highly breathable (breathability is 600% better than EN20347 5.4.6 standard requirement)
- Extremely comfortable for long-day usage
- Heat insulation is 10% higher than EN20347 6.2.3.1 standard requirements
- Excellent grip on uneven grounds thanks to the new tread pattern
- The sole bonding strength is 70% higher than EN20347 5.3.1.2 standard requirements
- The energy absorption in the heel area is 35% higher than EN20347 6.2.4 standard requirements
- Antistatic outsole resistant to fuel oil



**Product name:** BLADE MID

**Article number:** 2001 GA

### Leather upper

Full-grain cowhide leather, waterproofed, black, 1.4-1.6 mm thick chrome-tanned and aniline dyed

### Top lining

Soft full-grain leather, waterproofed, black, 1.0-1.1 mm thick

### Lining

Seam sealed 4 ply laminate (GORE-TEX® LIGHT ROCK), bootie construction:

Layer 1 warp knit 70%PA / 30% PES

Layer 2 functional nonwoven 100% PES

Layer 3 bicomponent membrane based on ePTFE

Layer 4 backing fabric knit 100% PA

### Toe cap

1.0 mm PU+resinated synthetic bonded fabric

### Heel cap

1.3 mm non-woven resinated synthetic bonded material, thermally mouldable.

### Sewing thread

Polyester 30/3, black, water-repellent treated

### Lacing system

Round polyester laces, black, water-repellent treated, passing through 2 couples of nylon top hooks and 4 couples of reinforced punched lace holes

### Foot-bed

Anatomically shaped, 3,5 mm thick, made out of a layer of nonwoven material to absorb exceeding humidity, and with an upper covering made of anti abrasion nonwoven 100% PA.

### Insole

Antistatic cellulose fibre, elastomeric bonded, 2,5 mm thick. In the heel area is positioned a polymeric material shank hold by a plastic reinforcement extending for 75% of the bottom surface.

### Sole

Bicomponent sole composed by a shock-absorbent low density PU layer and

rubber running surface, antistatic resistant to oil and petrol, contact heat at 300°C, non slip.

### Weight/pair

abt 1130 g (size 42)

### Back height

abt 15 cm (sole included) (size 42)

### CE certificate

EN ISO 20347:2004 O2 CI HRO HI WR FO - SRB Category II P.P.E.

### Size range

36 - 49

# 2005/G Legend Low

MILITARY &amp; POLICE



LEATHER  
TRANSPIRATION  
**+310%**

LONG LASTING SOLE  
**+20%**

SOLE BONDING  
STRENGTH  
**+85%**

HEEL ENERGY  
ABSORPTION  
**+80%**

- Lightweight and comfortable police shoe
- Good stability both for walking and running
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Highly breathable (breathability is 310% better than EN20347 5.4.6 standard requirement)
- Extremely comfortable for long-day usage
- Excellent grip on uneven grounds (the outsole is 20% more durable than EN20347 5.8.3 standard requirement)
- The sole bonding strength is 85% higher than EN20347 5.3.1.2 standard requirements
- The energy absorption in the heel area is 80% higher than EN20347 6.2.4 standard requirements
- Antistatic outsole resistant to fuel oil with cleated tread



GORE-TEX®  
Performance  
Comfort



Padded  
collar



SRC  
SRC  
Certified

**Product name:** LEGEND LOW

**Article number:** 2005 G

#### Leather upper

Black full-grain cowhide leather, 1.6-1.8 mm thick, water-repellent, breathable treated, chrome-tanned and aniline dyed

#### Top lining

Soft black full-grain leather, 1.1-1.2 mm thick, water-repellent, breathable treated, chrome-tanned and aniline dyed

#### Lining

Seam sealed 4 ply laminate (GORE-TEX® DURACOM MS SPORTIVE), bootie construction:

Layer 1 warp knit 72%PA / 28% PES

Layer 2 functional no-woven 100% PES

Layer 3 bicomponent membrane based on ePTFE

Layer 4 backing fabric knit 100% PA

#### Toe cap

1.3 mm resinated synthetic bonded fabric, thermally mouldable.

#### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

#### Sewing thread

Polyester 30/3, black, water-repellent treated

#### Lacing system

Round polyester laces, black, water-repellent treated, passing through 5 couples of rustproof burnished eyelets

#### Foot-bed

Anatomically shaped, 3,5 mm thick, made out of a layer of nonwoven material to absorb exceeding humidity, and with an upper covering made of anti abrasion nonwoven 100% PA.

#### Insole

Antistatic cellulose fibre, elastomeric bonded, 2.5 mm thick. In the heel area is positioned a polymeric material shank hold by a plastic reinforcement extending for 75% of the bottom surface.

#### Sole

Rubber sole, antistatic, oil and petrol resistant, with shock-absorbent heel. Resistant to contact heat (tested at 300°C) and non slip SRC.

#### Weight/pair

abt 1120 g (size 42)

#### Back height

abt 11 cm (sole included) (size 42)

#### CE certificate

EN ISO 20347:2004 O2 CI HI HRO WR FO - SRC Category II P.P.E.

#### Size range

36 - 49



# 2006/GA Blade Low

## MILITARY & POLICE



LEATHER  
TRANSPARATION  
**+600%**

HEAT  
INSULATION  
**+10%**

SOLE BONDING  
STRENGTH  
**+70%**

HEEL ENERGY  
ABSORPTION  
**+35%**

- Lightweight and comfortable police shoe
- Metal-free
- Good stability both for walking and running
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Highly breathable (breathability is 600% higher than EN20347 5.4.6 standard requirement)
- Extremely comfortable for long-day usage
- Heat insulation is 10% higher than EN20347 6.2.3.1 standard requirements
- Excellent grip on uneven grounds thanks to new tread pattern
- The sole bonding strength is 70% higher than EN20347 5.3.1.2 standard requirements
- The energy absorption in the heel area is 35% higher than EN20347 6.2.4 standard requirements
- Antistatic outsole resistant to fuel oil



**Product name:** BLADE LOW

**Article number:** 2006 GA

### Leather upper

Full-grain cowhide leather, waterproofed, black, 1.4-1.6 mm thick chrome-tanned and aniline dyed

### Top lining

Soft full-grain calfskin, waterproofed, black, 1.0-1.1 mm thick

### Lining

Seam sealed 4 ply laminate (GORE-TEX® LIGHT ROCK), foamed bootie construction:

Layer 1 warp knit 70%PA / 30% PES

Layer 2 functional nonwoven 100% PES

Layer 3 bicomponent membrane based on ePTFE

Layer 4 backing fabric knit 100% PA

### Toe cap

1.0 mm PU+resinated synthetic bonded fabric, thermally mouldable.

### Heel cap

1.3 mm non-woven resinated synthetic bonded material, thermally mouldable

### Sewing thread

Polyester 30/3, black, water-repellent treated

### Lacing system

Round polyester laces, black, water-repellent treated, passing through 4 couples of reinforced punched lace holes

### Foot-bed

Anatomically shaped, 3,5 mm thick, made out of a layer of nonwoven material to absorb exceeding humidity, and with an upper covering made of anti abrasion nonwoven 100% PA.

### Insole

Antistatic cellulose fibre, elastomeric bonded, 2.5 mm thick. In the heel area is positioned a polymeric material shank hold by a plastic reinforcement extending for 75% of the bottom surface.

### Sole

Bicomponent sole composed by a shock-absorbent low density PU layer and rubber running surface, antistatic resistant to oil and petrol, contact heat at 300°C, non slip.

### Weight/pair

abt 970 g (size 42)

### Back height

abt 11 cm (sole included) (size 42)

### CE certificate

EN ISO 20347:2004 O2 CI HRO HI FO WR - SRB Category II P.P.E.

### Size range

36 - 49

NEW

## 2011/GA City Mid

MILITARY &amp; POLICE



- Comfort police shoe
- Metal-free
- Extremely light and comfortable, only 350 g each shoe
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Good stability both for walking and running
- Highly breathable (breathability 600% higher than standard requirement)
- Extremely comfortable for long-day usage
- PU non-slip sole, resistant to fuel oil and with shock absorbing heel
- Antistatic

**Product name:** CITY MID**Article number:** 2011 GA**Leather upper**

Full-grain cowhide leather, waterproofed, black, 1.4-1.6 mm thick chrome-tanned and aniline dyed

**Top lining**

Soft full-grain leather, charcoal colour, 0.8 mm thick, padded with foam to improve fitting comfort

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® LIGHT ROCK), bootie construction:  
 Layer 1 warp knit 70%PA / 30% PES  
 Layer 2 functional nonwoven 100% PES  
 Layer 3 bicomponent membrane based on ePTFE  
 Layer 4 backing fabric knit 100% PA

**Toe cap**

1.2 mm resinated synthetic bonded fabric, thermally mouldable.

**Heel cap**

1.6 mm resinated synthetic bonded fabric, thermally mouldable.

**Sewing thread**

Polyester 40/3, black, water-repellent treated.

**Fastening system**

8 mm polyester flat laces, black, water-repellent treated passing through 7 couples of reinforced holes.

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

**Insole**

Antistatic felt 2.5 mm thick, with reinforced nylon shank.

**Sole**

Injected shock-absorbent PU, hydrolysis resistant, antistatic, oil - petrol and contact heat at 300°C resistant. Non slip and with high absorption in the heel area.

**Weight/pair**

abt 700 g (size 42)

**Back height**

abt 12 cm (sole included) (size 42)

**CE certificate**

EN ISO 20347:2007 O2 WR FO – SRA Category II P.P.E.

**Size range**

38 – 47

NEW

## 2016/GA City Low

MILITARY &amp; POLICE



2010/G



- Comfort police shoe
- Metal-free
- Extremely light and comfortable, only 330 g each shoe
- Lining: GORE-TEX® Extended Comfort footwear, excellent for temperate and hot climate
- Highly breathable
- Good stability both for walking and running
- Highly breathable (breathability 600% higher than standard requirement)
- Extremely comfortable for long-day usage
- PU non-slip sole, resistant to fuel oil and with shock absorbing heel
- Antistatic



**Product name:** CITY LOW

**Article number:** 2016 GA

**Leather upper**

Full-grain cowhide leather, waterproofed, black, 1.4-1.6 mm thick chrome-tanned and aniline dyed.

**Top lining**

Soft full-grain leather, charcoal colour, 0.8 mm thick, padded with foam to improve fitting comfort.

**Lining**

Seam sealed 3 ply laminate (GORE-TEX® MIAMI) foamed bootie construction:  
Layer 1 abrasion-proof lining 100%PA  
Layer 2 waterproof and water vapour permeable ePFTF membrane  
Layer 3 backing fabric 100% PES and e fixing adhesive 100% PES

**Toe cap**

1.2 mm resinated synthetic bonded fabric, thermally mouldable.

**Heel cap**

1.6 mm resinated synthetic bonded fabric, thermally mouldable.

**Sewing thread**

Polyester 40/3, black, water-repellent treated.

**Lacing system**

8 mm polyester flat laces, black, water-repellent treated passing through 6 couples of reinforced holes.

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

**Insole**

Antistatic felt 2.5 mm thick, with reinforced nylon shank.

**Sole**

Injected shock-absorbent PU, hydrolysis resistant, antistatic, oil - petrol and

contact heat at 300°C resistant. Non slip and with high absorption in the heel area.

**Weight/pair**

abt 660 g (size 42)

**Back height**

abt 11 cm (sole included) (size 42)

**CE certificate**

EN ISO 20347:2007 O2 WR FO – SRA Category II P.P.E.

**Size range**

38 – 47

NEW

## 2017/GA Athena

MILITARY &amp; POLICE



- Female "all season" comfort police shoe
- Metal-free
- Lining: GORE-TEX® Extended Comfort footwear, excellent for temperate and hot climate
- Highly breathable (breathability 600% higher than standard requirement)
- Extremely light and comfortable for long-day usage, only 370 g each shoe
- Good stability both for walking and running
- The energy absorption in the heel area is 75% higher than EN20347 6.2.4 standard requirements
- PU non-slip sole, resistant to fuel oil and with shock absorbing heel
- Antistatic



**Product name:** ATHENA

**Article number:** 2017 GA

**Leather upper**

Full-grain cowhide leather, waterproofed, black, 1.4-1.6 mm thick chrome-tanned and aniline dyed.

**Top lining**

Soft full-grain leather, charcoal colour, 0.8 mm thick, padded with foam to improve fitting comfort.

**Lining**

Seam sealed 3 ply laminate (GORE-TEX® MIAMI) foamed bootie construction:  
Layer 1 abrasion-proof lining 100%PA  
Layer 2 waterproof and water vapour permeable ePFTF membrane  
Layer 3 backing fabric 100% PES and e fixing adhesive 100% PES

**Toe cap**

1.2 mm resinated synthetic bonded fabric, thermally mouldable.

**Heel cap**

1.6 mm resinated synthetic bonded fabric, thermally mouldable

**Sewing thread**

Polyester 40/3, black, water-repellent treated.

**Lacing system**

6 mm polyester flat laces, black, water-repellent treated passing through 6 couples of reinforced holes.

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

**Insole**

Antistatic felt 2.5 mm thick, with reinforced nylon shank.

**Sole**

Injected shock-absorbent PU, hydrolysis resistant, antistatic, oil - petrol and

contact heat at 300°C resistant. Non slip and with high absorption in the heel area.

**Weight/pair**

abt 740 g (size 38)

**Back height**

abt 10 cm (sole included) (size 37)

**CE certificate**

EN ISO 20347:2007 O2 WR FO – SRC Category II P.P.E.

**Size range**

36 – 42



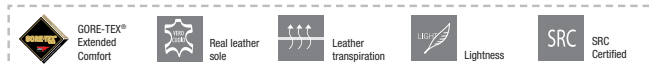
NEW

## 760/GA Parade

MILITARY &amp; POLICE



- Uniform summer police shoe
- Highly breathable (breathability is 500% better than EN20347 5.4.6 standard requirement)
- New last wider ball girth and squared toe end
- Lightweight and comfortable
- Lining: GORE-TEX® Extended Comfort footwear, excellent for temperate and hot climate
- Good stability both for walking and running
- Excellent grip on various grounds
- Extremely comfortable for long-day usage
- The outsole is 40% more durable than EN20347 5.8.3 standard requirement
- The sole bonding strength is 30% higher than standard requirements
- Antistatic

**Product name:** PARADE

Article number: 760 GA

**Upper leather**

Black full-grain calfskin, thickness 1.4-1.6 mm water-repellent and breathable treated, chrome-tanned and aniline dyed

**Lining**

Seam sealed 3 ply laminate (GORE-TEX® MIAMI) "bottom filler" construction:

Layer 1: abrasion-proof lining 100%PA

Layer 2: waterproof and water vapour permeable ePFTE membrane

Layer 3: backing fabric 100% PES and e fixing adhesive 100% PES

**Toe cap**

Extruded polyurethane and synthetic fibres impregnated with heat-setting resins, thickness of 0.7 mm.

**Heel cap**

Regenerated leather impregnated with heat-setting resins, thickness 1.8 mm.

**Sewing thread**

Polyester 30/3, black, water-repellent treated

**Laces**

Cord type made of water-repellent treated polyester

**Foot-bed**

Full grain leather lined with antibacterial lattice.

**Insole**

Genuine leather, 2,0 mm thick with metallic shank and rear reinforcement.

**Sole**

Genuine leather midsole to which a half sole made of special anti-static, non slip, rubber is glued.

The shock absorbent heel is made out of micro-porous rubber, 13.0 mm thick, with 2nd layer of antistatic TPU 7.00 mm thick.

**Weight/pair**

abt 920 g (size 42)

**Back height**

abt 9,5 cm (sole included) (size 42)

**CE certificate**

UNI EN ISO 20347:2008 O2 WR – SRC Category II P.P.E.

**Size range**

38 – 48

# 616/G Kasja Lady

MILITARY &amp; POLICE



606/G



- Female "all season" comfort police shoe
- Highly breathable (breathability is 600% better than EN20347 5.4.6 standard requirement)
- Lightweight and comfortable
- Lining: GORE-TEX® Extended Comfort footwear, excellent for temperate and hot climate
- Excellent grip on various grounds
- Extremely comfortable for long-day usage
- Good stability both for walking and running (the outsole is 40% more durable than EN20347 5.8.3 standard requirement)
- The energy absorption in the heel area is 100% higher than EN20347 6.2.4 standard requirements
- Antistatic outsole resistant to fuel oil



**Product name:** KASJA LADY

**Article number:** 616 G

**Upper leather**

Black full-grain calfskin, thickness 1.4-1.6 mm water-repellent and breathable treated, chrome-tanned and aniline dyed

**Collar**

Soft aniline calfskin leather, 1.1 - 1.2 mm thick, chrome-tanned and aniline dyed, water-repellent and breathable, padded with 4mm thick foam.

**Lining**

Seam sealed 3 ply laminate (GORE-TEX® MIAMI) "bottom filler" contraction:

Layer 1: abrasion-proof lining 100%PA

Layer 2: waterproof and water vapour permeable ePTE membrane

Layer 3: backing fabric 100% PES and e fixing adhesive 100% PES

**Toe cap**

Synthetic fibres impregnated with heat-setting resins, thickness of 1.0 mm.

**Heel cap**

Synthetic fibres impregnated with heat-setting resins, thickness of 1.3 mm.

**Sewing thread**

Polyester 30/3, black, water-repellent treated

**Lacing system**

Round polyester laces, black, water-repellent treated, passing through 3 couples of rustproof burnished metal open hooks and 5 couples of eyelets.

**Foot-bed**

Anatomically shaped, 2,5 mm thick, made out of a layer of moisture transmitting non-woven material and with an upper covering made of anti abrasion 100% PA.

**Insole**

Special antistatic felt, 2,0 mm thick with metallic shank.

**Sole**

Rubber non slip sole, wear resistant, oil and petrol resistant.

**Weight/pair**

abt 990 g (size 38)

**Back height**

abt 18 cm (sole included) (size 38)

**CE certificate**

EN ISO 20347:2004 O2 WR FO Category II P.P.E.

**Size range**

35 - 41

NEW

## 650/GA Parade 4S Lady

MILITARY &amp; POLICE



710/GS



- Female uniform décolleté, extremely light and comfortable
- Highly breathable (breathability is 500% better than EN20347 5.4.6 standard requirement)
- New last with wider ball girth and improved ergonomic features to offer better performances
- New full grain goat leather perforated foot-bed
- 4,5 cm heel made of noiseless polystyrene with high impact resistance
- Under-heel made of TPU with high tear and abrasion resistance
- Lining: GORE-TEX® Extended Comfort footwear, excellent for temperate and hot climate
- The outsole is 100% more durable than standard requirement
- The sole bonding strength is 90% higher than standard requirements
- Ultimate energy absorption with PORON® shock absorber system
- Antistatic

**Product name:** PARADE 4S LADY**Article number:** 650 GA**Upper leather**

Black full-grain calfskin, thickness 1.4-1.6 mm water-repellent and breathable treated, chrome-tanned and aniline dyed

**Lining**

Seam sealed 3 ply laminate (GORE-TEX® MIAMI) "bottom filler" construction:

Layer 1: abrasion-proof lining 100%PA

Layer 2: waterproof and water vapour permeable ePFTE membrane

Layer 3: backing fabric 100% PES and e fixing adhesive 100% PES

**Toe cap**

Extruded polyurethane and synthetic fibres impregnated with heat-setting resins, thickness of 0.7 mm.

**Heel cap**

Regenerated leather impregnated with heat-setting resins, thickness 1.6 mm.

**Sewing thread**

Polyester 30/3, black, water-repellent treated

**Foot-bed**

Full grain goat leather with a Poron® insertion 3,00 mm thick.

**Insole**

Synthetic fibres impregnated with heat-setting resins, with metallic shank and rear reinforcement.

**Sole**

Genuine leather midsole to which a half sole made of special anti-static, non slip, rubber is glued.

The heel, height of abt 4,5 cm, is made out of shock absorbent polystyrene and TPU tread.

**Weight/pair**

abt 500 g (size 37)

**Back height**

abt 11 cm (sole included) (size 37)

**CE certificate**

UNI EN ISO 20347:2008 OB A WRU WR – SRB Category II P.P.E.

**Size range**

35 – 42

# 7006/G Motor Guard

MILITARY &amp; POLICE



- Police M/C boot
- Maximum waterproofness in every climate condition (breathability is 650% higher than EN347/1 4.4.6 standard requirements)
- Lightweight and comfortable with functional zipper and velcro fastening system
- Good stability both for walking and motorcycling
- Ankle protection
- Excellent grip on urban grounds
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Extremely comfortable for long-day usage
- The sole bonding strength is 50% higher than EN347/1 4.3.1.2 standard requirements
- The energy absorption in the heel area is 15% higher than EN347/1 4.3.6 standard requirements



**Product name:** MOTOR GUARD

**Article number:** 7006 G

**Upper material**

Full-grain cowhide leather, waterproofed, black, 1.8 - 2.0 mm thick

**Front flexor**

Soft imitation leather, waterproofed, black, 1.0 - 1.1 mm thick

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® DURACOM CAMBRELLE), bootie construction:

Layer 1 Cambrelle fabric 100% PA

Layer 2 functional nonwoven 100% PES

Layer 3 waterproof and water vapour permeable ePFTF membrane

Layer 4 backing fabric knit 100% PA

**Reflecting insert**

Side band 2 cm wide of top quality reflecting material coated with transparent plastic material.

**Elastic band**

Positioned in the rear part of the boot to improve fitting comfort.

**Toe cap**

1.3 mm nonwoven resinated synthetic bonded material, thermally mouldable.

**Heel cap**

1.8 mm non-woven resinated synthetic bonded material, thermally mouldable.

**Ankle and shin protection**

Heat moulded synthetic material with shock-absorbing properties, 2.5 mm thick

**Shift pad**

Made out of soft 100% PU

**Zipper**

8 mm wide, with plastic teeth

**Sewing thread**

Polyester thread, 30/3 title, water-repellent treated, black.

**Foot-bed**

Anatomically shaped, moisture transmitting felt sole, abt 3,5 mm thick. Lined on top with abrasion resistant 100% PA.

**Insole**

Made out of special nonwoven antistatic material with metallic shank.

**Sole**

Rubber sole, antistatic, oil and petrol resistant. Non-slip, wear and contact heat (tested at 300°C) resistant.

**Fastening system**

First quality velcro material

**Weight/pair**

abt 1450 g (size 42)

**Back height**

cm. 30 (sole included) (size 42)

**CE certificate**

EN 347-1 A WRU E ORO CI WR HRO Category II P.P.E.

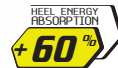
**Size range**

36 - 48



# 7027/GA Patrol

## MILITARY & POLICE



- Police M/C boot
- Maximum waterproofness in every climate condition with excellent breathability (breathability 280% higher than EN20347 5.4.6 standard requirement)
- Lightweight and comfortable with adjustable fit thanks to rear lacing system and Velcro
- Good stability both for walking and motorcycling
- Ankle protection
- Excellent grip on urban grounds
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Extremely comfortable for long-day usage
- Cold insulation is 50% higher than EN20347 6.2.3.2 standard requirements
- Antistatic outsole resistant to fuel oil (the outsole is 20% more durable than EN20347 5.8.3 standard requirements)
- The shock-absorption in the heel area is 60% higher than EN20347 6.2.4 standard requirements



GORE-TEX®  
Performance  
Comfort



Rear and  
front flexor



Ankle  
protection



High visibility



Rear closure



F.O.D.



SRC  
Certified

**Product name:** PATROL

**Article number:** 7027 GA

### Upper leather

Full-grain cowhide leather, waterproofed, black, 1.8-2.0 mm thick.

### Top and collar lining

Full-grain soft aniline leather, waterproofed, black, 1.0-1.1 mm thick

### Lining

Seam sealed 4 ply laminate (GORE-TEX® LIGHT ROCK), bootie construction:

Layer 1 Abrasion-proof lining 70%PA / 30%PES

Layer 2 Functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable ePTFE membrane

Layer 4 Backing fabric knit 100% PA

### Reflecting parts

Side band 2 cm wide and heel inserts of top quality reflecting material coated with transparent plastic material.

### Toe cap

1.3 mm resinated synthetic bonded fabric, thermally mouldable.

### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

### Ankle protection

Heat moulded material with shock-absorbing properties.

### Zipper

8 mm wide, with plastic teeth.

### Sewing thread

Polyester thread, 30/3 title, water-repellent treated, black.

### Eyelets

Non rusting steel with 4 mm diameter hole

### Laces

Round black lace, water-repellent treated

### Straps fastening

First quality velcro material

### Foot-bed

Anatomically shaped 3,5 mm thick, made out of a layer of moisture transmitting felt with an upper covering made of anti abrasion non woven-material 100% PA

### Insole

Antistatic cellulose fibre, elastomeric bonded, 2,5 mm thick. In the heel area is positioned a polymeric material shank hold by a plastic reinforcement extending for 75% of the bottom surface.

### Sole

Rubber sole, antistatic, oil and petrol resistant, with shock-absorbent heel. Resistant to contact heat (tested at 300°C) and slip resistant SRC.

### Weight/pair

abt. 1850 g (size 42)

### Back height

abt. 42 cm (sole included) (size 42)

### CE certificate

EN ISO 20347: 2004 O2 HI HRO CI WR FO – SRC Category II P.P.E.

### Size range

36 – 49

# 7028/GA Patrol Summer

MILITARY &amp; POLICE



LEATHER  
TRANSPARATION  
**+550%**

LONG LASTING SOLE  
**+15%**

HEEL ENERGY  
ABSORPTION  
**+55%**

- Summer Police M/C boot
- Lightweight and comfortable with adjustable fit thanks to rear lacing system and Velcro
- Good stability both for walking and motorcycling
- Ankle protection and shift pad
- Excellent grip on urban grounds
- Lining: GORE-TEX® Extended Comfort footwear, excellent for temperate and hot climate
- Maximum waterproofness in every climate condition with excellent breathability during summer (breathability 550% higher than EN20347 5.4.6 standard requirement)
- Extremely comfortable for long-day usage
- Antistatic outsole resistant to fuel oil (the outsole is 10% more durable than EN20347 5.8.3 standard requirements)
- The shock-absorption in the heel area is 55% higher than EN20347 6.2.4 standard requirements



## Product name: PATROL SUMMER

**Article number:** 7028 GA

### Upper leather

Full-grain cowhide leather, waterproofed, black, 1.8-2.0 mm thick combined with inserts of Cordura® nylon, breathable and water-repellent treated

### Top and collar lining

Imitation leather, 60% PL / 40% PU, black, 2.0 mm thick

### Lining

Seam sealed 3-ply laminate (GORE-TEX® VISION 3LY) bootie construction:  
Layer 1: abrasion-proof lining 70%PA-30%PES  
Layer 2: waterproof and water vapour permeable ePFTF membrane  
Layer 3: Backing fabric knit 100%PA

### Reflecting parts

Side band 2 cm wide and heel inserts of top quality reflecting material coated with transparent plastic material.

### Toe cap

1.3 mm resinated synthetic bonded fabric, thermally mouldable.

### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

### Ankle protection

Heat moulded material with shock-absorbing properties.

### Zipper

8 mm wide, with plastic teeth.

### Sewing thread

Polyester thread, 20/3 title, water-repellent treated, black.

### Eyelets

Non rusting steel with 4 mm diameter hole

### Laces

Round black lace, water-repellent treated.

### Straps fastening

First quality velcro material

## Foot-bed

Anatomically shaped, 1.8 mm thick, made out of real leather, with an insert of EVA foam on the heel.

## Insole

Antistatic cellulose fibre, elastomeric bonded, 2.5 mm thick. In the heel area is positioned a polymeric material shank hold by a plastic reinforcement extending for 75% of the bottom surface.

## Sole

Rubber sole, antistatic, oil and petrol resistant, with shock-absorbent heel. Resistant to contact heat (tested at 300°C) and slip resistant SRC.

## Weight/pair

abt. 1740 g (size 42)

## Back height

abt. 42 cm (sole included) (size 42)

## CE certificate

EN ISO 20347: 2008 O2 WR HI HRO FO AN – SRC Category II P.P.E.

## Size range

36 – 49

# 7102/G X- Five Gore-Tex®

MILITARY &amp; POLICE



- Police M/C boot
- Lightweight and comfortable with zipper and Velcro fastening
- Good stability both for walking and motorcycling
- Ankle and shin protection
- Excellent grip on urban grounds
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Maximum waterproofness in every climate condition with excellent breathability
- Extremely comfortable for long-day usage
- The outsole is 20% more durable than EN13634 4.6.2 standard requirements
- The sole bonding strength is 20% higher than EN13634 4.2.2 standard requirements
- Outsole resistant to fuel oil



**Product name:** X- FIVE GORE-TEX®

**Article number:** 7102 G

**Upper material**

Full-grain cowhide leather, waterproofed, black, 1.8 - 2.0 mm thick

**Collar lining**

Openwork fabric PES lined with soft foam 3.0 mm

**Front flexor**

Soft aniline leather, black, 1.0-1.1 mm thick, padded with special foam to improve fitting comfort.

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® MORE SEASONS ROCK), bootie construction:

Layer 1 abrasion resistant warp knit 70%PA / 30% PES

Layer 2 functional non-woven 100% PES

Layer 3 waterproof and water vapour permeable ePFTF membrane

Layer 4 backing fabric knit 100% PA

**Padding**

Specific foams 6.0 – 8.0 mm thick, density 100 Kg/m³ fitted into collars, flexors, heel and ankle areas.

**Toe cap**

1.2 mm polyurethane material with textile support, thermally mouldable.

**Heel cap**

1.8 mm non-woven resinated synthetic bonded material, thermally mouldable.

**Ankle protection**

Heat moulded material with shock-absorbing properties

**Shin guards**

Shock-resistant PU material

**Shift pad**

Made out of soft 100% PU

**Sewing thread**

Polyester thread, 30/3 title, water-repellent treated, black.

**Foot-bed**

Anatomically shaped, moisture transmitting felt sole, abt 3,5 mm thick. Lined on top with abrasion resistant 100% PA.

**Insole**

Multilayer PE insole with anti torsion metallic shank.

**Sole**

Black rubber sole, oil and petrol resistant with shock-absorbent heel, non-slip.

**Fastening system**

Spiral black zip 8.0 mm wide, overlapped by a Velcro leather closure on the upper part

**Weight/pair**

abt 1440 g (size 42)

**Back height**

cm. 28 (sole included) (size 42)

**CE certificate**

EN 13634:2002 Protective footwear for professional motorcycle riders.

**Size range**

36 – 48

# 7151/G Infinity 2 Gore-Tex®

MILITARY &amp; POLICE



- Police M/C boot
- Lightweight and comfortable with two PU adjustable buckles and Velcro
- Good stability both for walking and motorcycling
- Ankle and shin protection
- Excellent grip on urban grounds
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Maximum waterproofness in every climate condition with excellent breathability
- Extremely comfortable for long-day usage
- The outsole is 20% more durable than EN13634 4.6.2 standard requirements
- The sole bonding strength is 20% higher than EN13634 4.2.2 standard requirements
- Outsole resistant to fuel oil



**Product name:** INFINITY 2 GORE-TEX®

**Article number:** 7151 G

**Upper material**

Full-grain cowhide leather, waterproofed, black, 2.4-2.6 mm thick

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® MORE SEASONS ROCK), bootie construction:

Layer 1 abrasion resistant warp knit 70%PA / 30% PES

Layer 2 functional non-woven 100% PES

Layer 3 waterproof and water vapour permeable ePFTe membrane

Layer 4 backing fabric knit 100% PA

**Toe cap**

1.8 mm non-woven resinated synthetic bonded material, thermally mouldable.

**Heel cap**

1.8 mm non-woven resinated synthetic bonded material, thermally mouldable.

**Ankle protection**

Heat moulded material with shock-absorbing properties

**Shin guards**

Shock-resistant PU material

**Shift pad**

Made out of 100% PU

**Foot-bed**

Anatomically shaped, moisture transmitting felt sole.

**Insole**

Multilayer PE insole with anti torsion metallic shank.

**Sole**

Black rubber sole, oil and petrol resistant with shock-absorbent heel. Peculiar structure of the tread, specially designed to grant high performances on wet surfaces

**Fastening system**

Fastening by 2 PU adjustable buckles and Velcro on the upper part of boot.

**Weight/pair**

ca. 2070 g (size 42)

**Back height**

cm. 35,5 (sole included) (size 42)

**CE certificate**

EN 13634:2002 Protective footwear for professional motorcycle riders.

**Size range**

38 – 48





Workwear line

NEW

## 6621/GA Rescuer Mid

## WORKWEAR

- Also suitable for Search & Rescue operators and fire fighter volunteers.



LEATHER  
TRANSPARATION  
+400%

COLD  
INSULATION  
+30%

LONG LASTING SOLE  
+10%

SOLE BONDING  
STRENGTH  
+70%

HEEL ENERGY  
ABSORPTION  
+30%

- Safety footwear suitable for workwear and first aid
- Highly breathable (breathability 400% higher than EN20345 5.4.6 standard requirement)
- METAL-FREE high visibility P.P.E.
- Reinforced by heat moulded material toecap, non-magnetic, 45% lighter than standard steel toecaps
- Durable and extremely comfortable for long-day usage thanks to the thick and soft PU midsole
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- 100% composite antiperforation insole, non magnetic and flexible (45% lighter than steel plate)
- Cold insulation is 30% higher than EN20345 6.2.3.2 standard requirement
- The outsole is 10% more durable than EN20345 5.8.3 standard requirement
- The sole bonding strength is 70% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 30% higher than EN20345 6.2.4 standard requirements
- Antistatic fuel oil resistant rubber outsole with composite antiperforation insole
- Slip resistant SRC sole, excellent grip on uneven grounds with good stability on various surfaces.



GORE-TEX®  
Performance  
Comfort



Padded  
collar



Fast lacing  
system



SOFT



COMPO



High visibility



F.O.D.



Lightness



Metal free  
footwear



SRC  
SRC  
Certified

**Product name:** RESCUER MID

**Article number:** 6621 GA

#### Upper material

Full-grain cowhide leather, waterproofed, black, 1.8-2.0 mm thick combined with inserts of Cordura® nylon, breathable and water-repellent treated.

#### Lining

Seam sealed 4 ply laminate (GORE-TEX® LIGHT ROCK), bootie construction:  
Layer 1 warp knit 70%PA / 30% PES  
Layer 2 functional nonwoven 100% PES  
Layer 3 bicomponent membrane based on ePTFE  
Layer 4 backing fabric knit 100% PA

#### Reflecting parts

Grey Reflex outline

#### Sewing thread

Polyester 30/3, black, water-repellent treated.

#### Toe cap

Resinated synthetic bonded fabric, -45% compared to steel, resistant 200 Joule, comply with EN12568 and has a rubber overlay to prevent damage to the inner membrane and reduce pressure marks.

#### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

#### Laces

Round polyester laces, black, water-repellent treated.

#### Fastening system

2 couples of black nylon eyelets on top

5 couples of tape eyelets with plastic injected inside for an optimal sliding of laces.

#### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

#### Insole

Special antistatic felt, 2.5 mm thick.

#### Antiperforation

Abt 4 mm thick insole made out of special anti-perforation composite material, certified EN 12568 resistant to perforation min. 1100 Newton.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

#### Sole

Bi-component sole composed by a shock-absorbent low density PU layer resistant to hydrolysis and rubber running surface, antistatic resistant to oil and petrol, contact heat at 300°C, with energy absorption in the heel area, slip-resistant. Self-cleaning and foreign objects + debris free granted by the peculiar structure of cleats and running surface.

#### Weight/pair

abt 1490 g (size 42)

#### Back height

Back height (sole included) (size 42)

#### CE certificate

UNI EN ISO 20345:2008 S3 HRO WR CI – SRC Category II P.P.E.

#### Size range

36 - 48

NEW

## 6522/G Lamprey

WORKWEAR

- Also suitable for Fire Fighter.

LEATHER  
TRANSPARATION  
**+400%**HEAT  
INSULATION  
**+30%**LONG LASTING SOLE  
**+40%**SOLE BONDING  
STRENGTH  
**+70%**HEEL ENERGY  
ABSORPTION  
**+100%**

- Lightweight and comfortable
- Good stability both for walking and running
- Highly breathable (breathability 400% higher than EN20345 5.4.6 standard requirement)
- Ankle protection, and abrasion-resistant rubber overcap
- Extremely comfortable for long-day usage
- High electrical resistant outsole according to EN 15090:2006 IS for electricians and firemen
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- The heat insulation (sandbath test) is 30% higher than EN15090 6.3.1 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement)
- The sole bonding strength is 70% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 100% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil

**Product Name:** LAMPREY**Article number:** 6522 G**Leather upper**

Full-grain cowhide leather, waterproofed, black, 2.4-2.6 mm thick

**Top collar**

Soft full-grain leather, waterproofed, black, 1.0-1.1 mm thick

**Rear flexors**

Soft aniline leather, black, padded with special foam to enable the foot to easily undertake a wide range of movements

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® DURACOM CAMBRELLE), bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100%PA

Layer 2 Functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 Backing fabric knit 100% PA

**Toe cap**

Very light aluminium toe cap (-40% compared to steel), asymmetric with supporting base, resistant to 200 Joule, manufactured and tested according to EN 12568. It is positioned between the leather upper and the lining, it can not be removed without damaging the whole boot.

A plastic soft padding on the upper edge of the cap protects the feet while flexing.

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Upper cap**

Abrasion-resistant flame-proof rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement.

**Sewing thread**

Kevlar® Filament, permanent flame-retardant, water-repellent finish, black.

**Lace hooks**

New Jolly hooks made out of burnished steel.

**Fixing hooks**

ZAMA alloy totally rustproof, for the optimum lace fixing

**Jointed open hooks**

ZAMA alloy totally rustproof. The joints make lacing easier and faster.

**Laces**

Meta Aramid filament (Nomex®) round laces, black, water-repellent treated.

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion nonwoven material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

**Insole**

Average 5 mm thick insole made by a multilayer construction using special antiperforation nylon materials with a plastic reinforcement as stabilizer and completed with felt filler on the bottom.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**

Nitrile rubber cemented sole, heat resistant at 300° C, with high electrical resistance, oil and petrol resistant, with energy absorption in the heel area, non slip, self-cleaning and foreign objects + debris free.

Thanks to the double density of the rubber compound, the shock absorption and the slip resistance of the boot are considerably improved.

**Weight/pair**

abt 1960 g (size 42)

**Back height**

abt 19 cm (sole included) (size 42)

**CE certificate**

EN 15090:2006 F2IS HI3 CI SRA Category III P.P.E

**Size range**

36 - 49 (50-51 supplied as specials)

NEW

## 2250/GA Chamoix

## WORKWEAR

- Also suitable for Search & Rescue operators and fire fighter volunteers.



LEATHER  
TRANSPARATION  
**+400%**

HEAT  
INSULATION  
**+30%**

SOLE BONDING  
STRENGTH  
**+20%**

HEEL ENERGY  
ABSORPTION  
**+50%**

- Professional trekking footwear for first aid operators, territory surveillance activities and hunting.
- Extremely comfortable for long-day usage
- Extremely breathable (breathability 400% better than EN20347 5.4.6 standard requirement)
- The new combined stabilizing system in the heel assures an excellent grip on uneven and rocky grounds, thus also improving the energy absorption and granting more reactivity during walking
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Antiperforation composite insole
- Cover-band for protection against rocks and debris.
- The heat insulation is 30% higher than EN20347 6.2.3.1 standard requirements
- Excellent grip on wet surfaces thanks to Vibram Fourracon sole; the sole bonding strength is 20% higher than EN20347 5.3.1.2 standard requirements
- High absorption PU midsole (energy absorption in the heel area is 50% higher than EN20347 6.2.4 standard requirements)
- Antistatic and heat resistant 300° C outsole. Resistant to fuel oil

GORE-TEX®  
Performance  
ComfortFast lacing  
systemPadded  
collar and  
flexor

SOFT

PU RUBBER  
soleVIBRAM  
sole

F.O.D.



COSMAS

**Product name:** CHAMOIX**Article number:** 2250 GA**Leather upper**

Dark brown nubuck cowhide leather, 2.4 - 2.6 mm thick, waterproof, chrome-tanned and aniline dyed.

**Top lining**

Dark brown nubuck cowhide leather, 1.0-1.2 mm thick, water-repellent and breathable treated.

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® DURACOM CAMBRELLE), bootie construction:

Layer 1 Abrasion-proof lining Cambrelle® 100%PA

Layer 2 Functional nonwoven 100% PES

Layer 3 Waterproof and water vapour permeable membrane ePTFE

Layer 4 Backing fabric knit 100% PA

**Toe cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable.

**Cover-band**

Abrasion and impact resistant flame-proof special rubber mixture, black, 1.8 mm thick, glued to the upper leather using special PU cement.

**Sewing thread**

Polyester 30/3, black, water-repellent treated

**Lacing system**

Round polyester laces, brown, water-repellent treated, passing through 5 couples of burnished eyelets, 1 couple of fixing hooks and three couples of open hooks on top. All hooks made of rustproof brass/steel.

**Foot-bed**

Anatomically shaped, 3,5 mm thick, made out of a layer of nonwoven material to absorb exceeding humidity, and with an upper covering made of black Cambrelle fabric.

**Insole**

Made out of antiperforation lightweight and durable HT ceramized fabric

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: more protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**

Bicomponent sole composed by a soft shock-absorbent PU wedge-heel and Vibram rubber running surface, self-cleaning, antistatic, resistant to oil and petrol, contact heat at 300°C, non slip with energy absorption insert in the heel area.

**Weight/pair**

abt 1760 g (size 43)

**Back height**

abt 18 cm (sole included) (size 43)

**CE certificate**

EN ISO 20347:2004 / A1:2007 O3 HI WR AN HRO FO - SRA Category II P.P.E.

**Size range**

38 - 48



# 840/GA Duty

## WORKWEAR

- Also suitable for Search & Rescue operators and fire fighter volunteers.



LEATHER  
TRANSPARATION  
**+180%**

COLD  
INSULATION  
**+60%**

LONG LASTING  
SOLE  
**+40%**

SOLE BONDING  
STRENGTH  
**+40%**

HEEL ENERGY  
ABSORPTION  
**+110%**

- Safety footwear suitable for workwear and civil protection operators
- Durable and comfortable
- Good stability both for walking and running on all surfaces
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Waterproof and Breathable upper (breathability is 180% higher than EN20345 5.4.6 standard requirement)
- Extremely comfortable for long-day usage thanks to the soft PU midsole
- The cold insulation is 60% higher than EN20345 6.2.3.2 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN20345 5.8.3 standard requirement). Anatomically shaped runner surface which reduces the bonding of the outsole for a better walk and rolling of the foot.
- The sole bonding strength is 40% higher than EN20345 5.3.1.2 standard requirements
- The energy absorption in the heel area is 110% higher than EN20345 6.2.4 standard requirements
- Outsole resistant to fuel oil with metallic antiperforation plate



**Product name:** DUTY

**Article number:** 840 GA

### Upper leather

Full-grain cowhide leather, waterproofed, black 1.8 - 2.0 mm thick

### Lining

Seam sealed 4 ply laminate (GORE-TEX® DURACOM MS SPORTIVE), foamed bootie construction:

Layer 1 warp knit 72%PA / 28% PES

Layer 2 functional non-woven 100% PES

Layer 3 bi-component membrane based on ePTFE

Layer 4 backing fabric knit 100% PA

### Toe cap

The steel toe cap 200J conforms to EN 12568 and has a rubber change overlay to prevent damage to the inner membrane and reduce pressure marks to the inner system

### Heel cap

1.8 mm resinated synthetic bonded fabric, thermally mouldable

### Steel plate

It conforms to EN 12568 and is directly injected into the sole, to guarantee the penetration resistance of minimum 1100 Newton.

### Sewing thread

Polyester thread, 30/3 title, water-repellent treated, black

### Lease hooks

Rustproof burnished metal hooks, fixed with one rivet

### Jointed open hooks

Plastic hooks; the joints make lacing easier and faster.

### Laces

Round black lace, water-repellent treated

### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase

the energy absorption on the heel.

### Insole

Special antistatic felt 2.5 mm thick

### Sole

The injected sole is made out of special antistatic double-density polyurethane, non-slip, oil and petrol resistant, with energy absorption in the heel area.

### Weight / pair

abt. 1560 g (size 42)

### Back height

abt 16 cm (sole included) (size 42)

### CE Certificate

EN ISO 20345 :2004 S3 WR CI Category II P.P.E.

### Size range

36 - 49

# 810/GA Duty Low

**WORKWEAR**


- Low "executive" safety footwear
- Durable and comfortable
- Good stability both for walking and running
- Lining: GORE-TEX® Performance Comfort footwear, excellent for various climate conditions and for outdoor activities
- Waterproof and Breathable upper (breathability is 550% higher than EN344/1-92 4.4.6 standard requirement)
- Extremely comfortable for long-day usage
- Excellent grip on uneven grounds (the outsole is 15% more durable than EN344/1-92 4.8.4 standard requirement)
- The sole bonding strength is 120% higher than EN344/1-92 4.3.1.2 standard requirements
- The energy absorption in the heel area is 75% higher than EN344/1-92 4.3.6 standard requirements
- Antistatic outsole resistant to fuel oil with tread pattern which grants a better rolling of the foot


**Product name:** DUTY LOW

**Article number:** 810 GA

**Upper leather**

Full-grain cowhide leather, waterproofed, black 1.8 - 2.0 mm thick

**Lining**

Seam sealed 4 ply laminate (GORE-TEX® DURACOM MS SPORTIVE), foamed bootie construction:

Layer 1 warp knit 72%PA / 28% PES

Layer 2 functional non-woven 100% PES

Layer 3 bicomponent membrane based on ePTFE

Layer 4 backing fabric knit 100% PA

**Toe cap**

The steel toe cap 200J conforms to EN 12568 and has a rubber change overlay to prevent damage to the inner membrane and reduce pressure marks to the inner system

**Heel cap**

1.8 mm resinated synthetic bonded fabric, thermally mouldable

**Sewing thread**

Polyester thread, 30/3 title, water-repellent treated, black

**Eyelets**

Rustproof burnished metal

**Laces**

Round black lace, water-repellent treated

**Foot-bed**

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSA), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

**Insole**

Abt 4 mm thick insole made out of special anti-perforation composite material.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: wider protective surface,

flexibility, insulation, humidity and impact absorption, reduced weight.

**Sole**

The injected sole is made out of special antistatic shock-absorbent polyurethane, antistatic oil and petrol resistant rubber running surface non-slip, with energy absorption in the heel area.

**Weight / pair**

abt 1330 g (size 42)

**Back height**

abt 11,5 cm (sole included) (size 42)

**CE certificate**

EN 345/1 S3 WR CI Category II P.P.E.

**Size range**

36 – 49

# 835/GA Voyager

## WORKWEAR

LEATHER  
TRANSPARATION  
**+180%**

COLD  
INSULATION  
**+40%**

LONG LASTING  
SOLE  
**+40%**

SOLE BONDING  
STRENGTH  
**+70%**

HEEL ENERGY  
ABSORPTION  
**+110%**



- Water-repellent split suede and Cordura® safety footwear
- Durable and comfortable
- Good stability both for walking and running on all surfaces
- Lining: GORE-TEX® Extended Comfort footwear, excellent for temperate and hot climate
- Waterproof and Breathable upper (breathability is 180% higher than EN344/1-92 4.4.6 standard requirement)
- Extremely comfortable for long-day usage thanks to the soft PU midsole
- The cold insulation is 40% higher than EN344/1-92 4.3.5.2 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN344/1-92 4.8.4 standard requirement)
- The sole bonding strength is 70% higher than EN344/1-92 4.3.1.2 standard requirements
- The energy absorption in the heel area is 110% higher than EN344/1-92 4.3.6 standard requirements
- Antistatic outsole resistant to fuel oil with tread pattern which grants a better rolling of the foot



### Product name: VOYAGER

Article number: 835 GA

### Upper leather

Split suede water-repellent treated 1.8/2.0 mm thick, with inserts of Cordura® nylon, a water-repellent and breathable treated fabric. MOLE GRAY colour: mole gray split suede and black nylon

### Lining

Seam sealed 3 ply laminate (GORE-TEX® VISION 3LY), foamed bootie construction:

Layer 1 warp knit 70%PA / 30% PES

Layer 2 waterproof and water vapour permeable ePTE membrane

Layer 3 backing fabric knit 100% PA

### Toe cap

The steel toe cap 200J conforms to EN 12568 and has a rubber overlay to prevent damage to the inner membrane and reduce pressure marks.

### Heel cap

1.8 mm resinated synthetic bonded textile, thermally mouldable.

### Steel plate

It conforms to EN 12568 and is directly injected into the sole, to guarantee the penetration resistance of minimum 1100 Newton.

### Sewing thread

Polyester thread, 30/3 title, water-repellent treated, black

### Lace hooks

Rustproof burnished metal, fixed with one rivet

### Laces

Round black lace, water-repellent treated

### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

### Insole

Special antistatic felt 2.5 mm thick

### Sole

The injected sole is made out of special antistatic double-density polyurethane, non-slip, oil and petrol resistant, with energy absorption in the heel area.

### Weight/pair

abt 1575 g (size 42)

### Back height

abt 15 cm (sole included) (size 42)

### CE certificate

EN 345/1 S3 WR Category II P.P.E.

### Size range

36 - 49

# 820/GA Voyager Low

## WORKWEAR

LEATHER  
TRANSPARATION  
**+180%**

COLD  
INSULATION  
**+40%**

LONG LASTING SOLE  
**+40%**

SOLE BONDING  
STRENGTH  
**+70%**

HEEL ENERGY  
ABSORPTION  
**+110%**



- Summer water-repellent split suede and Cordura® safety footwear
- Durable and comfortable
- Good stability both for walking and running on all surfaces
- Lining: GORE-TEX® Extended Comfort footwear, excellent for temperate and hot climate
- Waterproof and Breathable upper (breathability is 180% higher than EN344/1-92 4.4.6 standard requirement)
- Extremely comfortable for long-day usage
- The cold insulation is 40% higher than EN344/1-92 4.3.5.2 standard requirements
- Excellent grip on uneven grounds (the outsole is 40% more durable than EN344/1-92 4.8.4 standard requirement)
- The sole bonding strength is 70% higher than EN344/1-92 4.3.1.2 standard requirements
- The energy absorption in the heel area is 110% higher than EN344/1-92 4.3.6 standard requirements
- Antistatic outsole resistant to fuel oil with tread pattern which grants a better rolling of the foot



**Product name:** VOYAGER LOW

**Article number:** 820 GA

### Upper leather

Charcoal split suede water-repellent treated 1.8/2.0 mm thick, with inserts of black Cordura® fabric, a water-repellent and breathable treated material.

### Lining

Seam sealed 3 ply laminate (GORE-TEX® VISION 3LY), foamed bootie construction:

Layer 1 warp knit 70%PA / 30% PES

Layer 2 waterproof and water vapour permeable ePFTE membrane

Layer 3 backing fabric knit 100% PA

### Toe cap

The steel toe cap 200J conforms to EN 12568 and has a rubber overlay to prevent damage to the inner membrane and reduce pressure marks.

### Heel cap

1.8 mm resinated synthetic bonded textile, thermally mouldable.

### Steel plate

It conforms to EN 12568 and is directly injected into the sole, to guarantee the penetration resistance of minimum 1100 Newton.

### Sewing thread

Polyester thread, 30/3 title, water-repellent treated, black

### Lace hooks

Rustproof burnished metal, fixed with one rivet

### Laces

Round black lace, water-repellent treated

### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

### Insole

Special antistatic felt 2.5 mm thick

### Sole

The injected sole is made out of special antistatic double-density polyurethane, non-slip, oil and petrol resistant, with energy absorption in the heel area.

### Weight / pair

abt. 1470 g (size 42)

### Back height

abt 12,5 cm (sole included) (size 42)

### CE Certificate

EN 345/1 S3 WR Category II P.P.E.

### Size range

36 – 49



# 836/GA Plasma

## WORKWEAR

LEATHER  
TRANSPARATION  
**+550%**

LONG LASTING SOLE  
**+15%**

SOLE BONDING  
STRENGTH  
**+120%**

HEEL ENERGY  
ABSORPTION  
**+75%**



- Summer water-repellent split suede and Cordura® safety footwear
- Durable and comfortable
- Good stability both for walking and running on all surfaces
- Lining: GORE-TEX® Extended Comfort footwear, excellent for temperate and hot climate
- Waterproof and Breathable upper (breathability is 550% higher than EN344/1-92 4.4.6 standard requirement)
- Extremely comfortable for long-day usage
- Excellent grip on uneven grounds (the outsole is 15% more durable than EN344/1-92 4.8.4 standard requirement)
- The sole bonding strength is 120% higher than EN344/1-92 4.3.1.2 standard requirements
- The energy absorption in the heel area is 75% higher than EN344/1-92 4.3.6 standard requirements
- Antistatic outsole resistant to fuel oil with tread pattern which grants a better rolling of the foot



**Product name:** PLASMA

**Article number:** 836 GA

### Upper leather

Split suede water-repellent treated 1.8/2.0 mm thick, with inserts of Cordura® nylon, a water-repellent and breathable treated fabric.

### Lining

Seam sealed 3 ply laminate (GORE-TEX® VISION 3LY), foamed bootie construction:

Layer 1 warp knit 70%PA / 30% PES

Layer 2 waterproof and water vapour permeable ePFTF membrane

Layer 3 backing fabric knit 100% PA

### Toe cap

The steel toe cap 200J conforms to EN 12568 and has a rubber overlay to prevent damage to the inner membrane and reduce pressure marks.

### Heel cap

1.8 mm resinated synthetic bonded textile, thermally mouldable.

### Sewing thread

Polyester thread, 30/3 title, water-repellent treated, black

### Lace hooks

Rustproof burnished metal, fixed with one rivet

### Laces

Round black lace, water-repellent treated.

### Foot-bed

Anatomically shaped, made out of a layer of moisture transmitting felt (80% PES-20% VISCOSE), and with an upper covering made of anti abrasion non woven-material 100% PA. In the heel area is positioned an insert of EVA foam for the best comfort of the foot enabling to preserve the foot anatomy and to increase the energy absorption on the heel.

### Insole

Abt 4 mm thick insole made out of special anti-perforation composite material.

Textile antiperforation insoles, compared to the old style metal plates, offer considerable ergonomics and safety advantages: wider protective surface, flexibility, insulation, humidity and impact absorption, reduced weight.

### Sole

The injected sole is made out of special antistatic shock-absorbent polyurethane, antistatic oil and petrol resistant rubber running surface non-slip, with energy absorption in the heel area.

### Weight/pair

abt 1480 g (size 42)

### Back height

abt 15 cm (sole included) (size 42)

### CE certificate

EN 345/1 S3 WR Category II P.P.E.

### Size range

36 - 49

838/GA

WORKWEAR



**Upper:** split suede and Cordura® nylon. **Lining:** GORE-TEX® Footwear with XCR® Product Technology. **Sole:** antistatic double-density PU sole, resistant to oils, hydrocarbons and wear, non-slip, embedded anti-perforation plate. **Toe:** steel resistant to 200 Joules. **Closure:** fast closure by buckles. **Boot height:** ca. 16 cm **Sizes:** 36 - 49. **Certifications:** EN ISO 20345:2004 S3 WR.

845/J

WORKWEAR



**Upper:** full grain breathable leather with water-repellent treatment. **Lining:** water-repellent Cambrelle. **Sole:** antistatic PU sole with rubber running surface, resistant to oils, hydrocarbons and wear, non-slip. **Mid Sole:** Innovative laminate high performance composite anti perforation mid sole. **Toe:** steel resistant to 200 Joules. **Closure:** punched lace holes. **Boot height:** ca. 14 cm **Sizes:** EU 36 - 49. **Certifications:** EN 345/1 S3 WR CI.

860/A

WORKWEAR



**Upper:** full-grain leather with high-visibility fabric insertion. **Lining:** of high breathability polyester fabric. **Sole:** antistatic double-density PU sole, with coloured TPU insertion to obtain a very good non-slip resistance. **Mid Sole:** Innovative laminate high performance composite anti perforation mid sole. **Toe:** aluminium resistant to 200 Joules. **Closure:** metal lace eyelets. **Boot height:** ca. 12 cm **Sizes:** 36 - 48. **Certifications:** EN ISO 20345:2004 S3.

865/A

WORKWEAR



**Upper:** full-grain leather with high-visibility fabric insertion. **Lining:** of high breathability polyester fabric. **Sole:** antistatic double-density PU sole, with coloured TPU insertion to obtain a very good non-slip resistance. **Mid Sole:** Innovative laminate high performance composite anti perforation mid sole. **Toe:** aluminium resistant to 200 Joules. **Closure:** metal lace eyelets. **Boot height:** ca. 15,5 cm **Sizes:** 36 - 48. **Certifications:** EN ISO 20345:2004 S3.

## after market

**LINING:**

**BOOTIE ART. 4030/A**  
1CA30



**BOOTIE ART. 4020/A**  
1CA20



**DOUBLURE EXTRACTIBLE**  
9006/GA  
1CA06

**INSOCK:**

**ART: 1PLAS.VERDE**  
SCS THIN



**ART: 1PLAJ.NERO**  
SCS STANDARD



**ART: 1 PLAG.BLUE**  
SCS THICK

**SPARE PARTS:**

**ZIPPER**  
9055/GA - 9081/GA - 9052/A



**ART:1CURJ SLIDE FASTENER**  
9055/GA - 9081/GA - 9052/A



**SLIDE STRING**  
1CORK



**ZIPPER**  
6020/GA



# protection

JOLLY SCARPE IS PROUD TO LAUNCH ITS NEW AND EXCLUSIVE PROTECTION PROGRAM FOR THE POLICE AND SECURITY MARKET: PUBLIC ORDER OFFICERS AND MOTOR CYCLE PROFESSIONALS CAN NOW CHOOSE AND WEAR THIS INNOVATIVE COLLECTION. THE MOST ADVANCED AND LIGHTWEIGHT MATERIALS HAVE BEEN UTILISED TO PROVIDE YOU WITH PROTECTION AND COMFORT LEVELS NEVER EXPERIENCED BEFORE. EXTENSIVE RESEARCH, DEVELOPMENT AND TRIALS AT LEADING TRAINING CENTRES HAVE PROVIDED A UNIQUE PRODUCT, DESIGNED BY PROFESSIONALS. AT THIS STAGE IN THE EXCITING GROWTH OF THE JOLLY SAFETY BRAND WE TAKE THE OPPORTUNITY TO THANK ALL THE PROFESSIONALS INVOLVED AND FURTHER INVITE YOU ALL TO "FEEL THE EVOLUTION".

## ART. 1GIAE

### JACKET

- Comply with CE EN13595:2002 level 2
- Complete with all impact protectors
- Vertebrae protector
- Interchangeable summer-winter lining
- Hygienized lining
- Stretch panels
- Heavy Duty Zippers
- BACK PROTECTOR INCLUDED



## ART. 1PANE

### TROUSER

- Comply with CE EN13595:2002 level 2
- Complete with all impact protectors
- Stretch panels to knee and lumbar
- Interchangeable summer-winter lining
- Hygienized lining



## ART. 1FOPI

INTERCHANGEABLE WINTER  
TROUSER LINING

## ART. 1FOGI

INTERCHANGEABLE WINTER  
JACKET LINING

## ART. 1CASP

### HELMET

- Anti mist
- Available with comms
- Fully serviceable



## ART. 1GUHL

### GLOVES (summer season)

Impact protectors



## ART. 1GUSK

### GLOVES (winter season)

Impact protectors





**ART. 1LUPL****TCX SUMMER POLO-NECK****ART. 1LUPW****TCX WINTER POLO-NECK****ART. 1CALL****TCX SUMMER LEGGING****ART. 1CALLW****TCX WINTER LEGGING**

This functional underwear does not absorb or retain perspiration but expels it towards the outside. It keeps the skin dry guaranteeing constant thermal insulation. It is non-allergic and naturally antibacterial.

**1 KBOD-8****SHOULDER**

Shoulder and upper arm protection with articulated shoulder zone

**1 KGOM-8****ELBOW**

Elbow and forearm protection

**1 KCIN-8****BELT****1 KFIA-8****THIGH ZONE**

Thigh zone protection (supplied in combination with the belt 1KCIN-8)

**1 KGAM-8****LOWER LEG**

Knee-Skin protection

**1 KBOD-8****REAR VIEW**

- Tested and certified according to "HOSDB Blunt Trauma Protector Standard for UK Police" Publication no.20/07 "Limb and Torso Protectors"
- All flame retardant materials
- All protectors available in 3 sizes
- Modern impact zone technology
- Optimum light weight
- Designed by Public Instructors
- Shoulder and upper arm cover suitable for horse mounted officers with 2 options of chest protection models
- Forearm and elbow linking up with upper arm
- Highly breathable mesh vest with frontal zip and adjustable side panels
- Quick donning system with secure elasticated and padded straps

**FRONT VIEW****REAR VIEW****1 KBAS**

**SHOULDER AND UPPER ARM VEST WITH FRONT AND BACK PROTECTORS**



## accessories

**MEASURER:****ART:1MITA**

**Special measurer for measuring of foot length on main international scales**

INSTRUCTION FOR USE: The measure must be taken standing up, by loading the body weight on the foot - it is necessary to wear the socks. The correct size must be read in correspondence of the external edge of the slider. When the size is found between 2 full sizes (for example UK8 and UK9) the correct measure to select always is the bigger size.

**DRYZONE:****ART:1DRYD**

**Footwear drying-System**

**IDRO STOP:****ART:1SPRA**

**SPRAY (BOX 12 pcs)**

Waterproofing spray for Nabuk, split suede, full-grain leather, and for textile uppers (Kevlar®, Cordura®)

**ART:1CREM**

**CREAM (BOX 12 pcs)**

Neutral waterproofing treatment cream for leather footwear



p.o.p.

**ART:1SEDI**  
Chair



**ART:1TAPP**  
Carpet



**RUBBER KEY RING**

**ART:1CAPP**  
Cap



**STICKERS**



**ART:1 ESME**  
Metal floor display for  
8 pairs shoes



**ART:1ESTE**  
Carton floor display for  
10 pair shoes



**ART:1DESK**  
Desk display for 2 shoes

Fire Fighters

Search & Rescue operators  
and fire fighter volunteers line

Police & Military

Workwear



FEEL THE EVOLUTION

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ISO 9001:2000 QUALITY MANAGEMENT SYSTEM